











CITY OF SOMERVILLE

MASSACHUSETTS

# ANNUAL REPORTS

1924



SOMERVILLE PRESS PRINT.

1925.



## REPORT OF THE CITY AUDITOR

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OFFICE OF THE CITY AUDITOR,

January 22, 1925.

To the Honorable, the Mayor, and the Board of Aldermen of  
the City of Somerville.

Gentlemen:—In accordance with the requirements of Section 3 of Ordinance Number 44, I herewith submit a report of the expenditures and receipts during the year 1924, showing in detail the appropriation and expenditures, and the receipts from each source of income. Also a statement of the funded debt and temporary loans, table relative to maturities and interest, a balance sheet showing the assets and liabilities at the close of the fiscal year and a statement of the treasurer's cash.

Respectfully submitted,

HOWARD E. WEMYSS.

*City Auditor.*

BALANCE SHEET, DECEMBER 31, 1924  
Revenue Accounts

ASSETS		LIABILITIES	
Cash:		Temporary Loans	\$600,000 00
In Banks and Offices	\$260,793 32	Unexpended balances:	
Advance to Poor Dept.	100 00	Income of Trust Funds	1,971 90
Advance Soldiers' Benefits	100 00	Tailings	291 65
		Revenue from Taxes, Supple- mentary Warrants	545 55
Accounts Receivable:		Revenue Reserved when Collected:	
Taxes 1924	\$427,097 20	Departmental Bills Receivable	\$22,620 19
Taxes 1923	785 08	Special Assessments Reserved	12,930 31
Taxes 1922	50 60		
Taxes 1921	12 44		
Excise Tax	18 26	Surplus War Bonus Fund	35,550 50
Special Assessments 1924	19,735 16	Sale of Land	46,598 06
Apportioned High. Bett.		Overlay, Reserved for Abatements:	737 68
Assessments	302 15	Levy of 1924	\$15,421 17
Departmental Bills Receivable	22,620 19	Levy of 1923	785 08
Comm. of Mass. Soldiers'		Levy of 1922	50 60
Benefits 1924	8,358 25	Levy of 1921	12 44
Water Dept. Accounts 1924	32,372 17		
		Reserve Fund, Surplus from	\$16,269 29
Tax Titles		Overlays	14,383 46
Grade Crossings Advances		Excess and Deficiency	57,876 83
			\$774,224 92
		Non-Revenue Accounts	
Cash in Banks and Offices		Unexpended balances:	
		Appropriations	\$75,417 19
		Comm. of Mass., acct Liquor	
		Fees	25
			\$75,417 44

# **BALANCE SHEET—Continued** **Municipal Indebtedness**

Net Bonded Debt	\$1,579,000 00	Loans within statutory debt limit:		
		City Bonds	\$130,000 00	
		City Hall Additions Bonds	142,000 00	
		Sewer Bonds	144,000 00	
		Highway Bonds	155,000 00	
		Bridge Bonds	25,000 00	
		Public Buildings Bonds	175,000 00	
		Schoolhouse Bonds	800,000 00	
				\$1,571,000 00
		Loans outside statutory debt limit:		
		Sewer Bonds	3,000 00	
		Met. Park Assessment Bonds	5,000 00	
				\$8,000 00
				\$1,579,000 00
		Trust Funds		
		Trust Funds:		
		School Funds	\$5,300 00	
		Library Funds	19,414 58	
		Poor Funds	1,681 66	
				\$26,396 24
Investments:				
Cash and Securities	\$26,396 24			

CITY AUDITOR.

## CASH STATEMENT, DECEMBER 31, 1924

## REVENUE

## Receipts

## General:—

Taxes . . . . .	\$3,053,326 06
Corporation, Bank and Income Taxes . . . . .	335,211 64
Licenses and Permits . . . . .	17,416 28
Fines and Forfeits . . . . .	15,839 90
State, Vocational School . . . . .	13,615 67
State, Continuation School . . . . .	5,795 30
State Americanization . . . . .	3,861 53
County of Middlesex, Dog Licenses . . . . .	2,145 27
Smith-Hughes Fund . . . . .	2,802 51
Sale of Land . . . . .	1,087 68
Miscellaneous . . . . .	1,186 32
	<hr/>
	\$3,452,288 16

Special Assessments . . . . .	74,489 84
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## Departmental:—

General Government . . . . .	8,654 53
Protection of Persons and Property . . . . .	3,467 29
Health and Sanitation . . . . .	15,354 62
Highways . . . . .	24,150 98
Charities . . . . .	43,974 33
Soldiers' Benefits . . . . .	8,861 17
Schools and School Buildings . . . . .	12,901 64
Libraries . . . . .	2,130 83
Baths and Bathhouse . . . . .	1,041 05
Surplus War Bonus Fund . . . . .	46,598 06
Miscellaneous . . . . .	87 05
	<hr/>
	\$167,221 55

Water Department Accounts . . . . .	\$305,802 45
Interest on deposits, taxes, etc. . . . .	30,847 41
Temporary Loans . . . . .	1,950,000 00
Hunt Art Fund . . . . .	1,000 00
Refunds . . . . .	4,069 63

Total receipts . . . . .	\$5,985,719 04
Balance at beginning of period . . . . .	65,615 15

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\$6,051,334 19

## CASH STATEMENT, DECEMBER 31, 1924. — Continued

## Payments

Appropriations . . . . .	\$3,067,029 04	
Income of Trust Funds . . . . .	3,785 40	
Trust Fund, Hunt Art . . . . .	700 23	
Temporary Loans . . . . .	1,950,000 00	
Court Judgments . . . . .	1,136 37	
Tax Titles . . . . .	257 39	
Comm. of Mass. Taxes and Assessments	349,550 82	
Comm. of Mass., acct. Polls 1923 . . .	522 00	
Grade Crossings Advances . . . . .	50 00	
County Tax . . . . .	128,995 57	
Refunds . . . . .	1,406 82	
		<hr/>
Total Payments . . . . .		\$5,503,433 64
Transfer to Non-Revenue . . . . .		287,107 23
Balance on hand . . . . .		260,793 32
		<hr/>
		\$6,051,334 19

## NON-REVENUE

## Receipts

Redemption of Tax Titles . . . . .	\$2,670 25	
Liquor Fees for State . . . . .	6 00	
Refunds . . . . .	44,294 32	
		<hr/>
Total Receipts . . . . .		\$46,970 57
Transfer from Revenue . . . . .		287,107 23
Balance at beginning of period . . .		251,841 79
		<hr/>
		\$585,919 59

## Payments

Appropriations . . . . .	\$507,826 15	
Redemption of Tax Titles . . . . .	2,670 25	
Liquor Fees to Comm. of Mass. . . . .	5 75	
		<hr/>
Total Payments . . . . .		\$510,502 15
Balance on hand . . . . .		75,417 44
		<hr/>
		\$585,919 59

## Summary

Total Revenue Receipts . . . . .	\$5,985,719 04
Total Non-Revenue Receipts . . . . .	46,970 57
	<hr/>
Total balance at beginning of period . . . . .	\$6,032,689 61
	317,456 94
	<hr/>
Total Revenue Payments . . . . .	\$6,350,146 55
Total Non-Revenue Payments . . . . .	\$5,503,433 64
	510,502 15
	<hr/>
Total balance on hand . . . . .	\$6,013,935 79
	336,210 76
	<hr/>
	\$6,350,146 55







## DEPARTMENTAL BILLS

Departmental Accounts, Pledged to Revenue	Balance Jan. 1, 1924	Committed 1924	Total to Collect	Abated	Collected	Uncollected
City Messenger's Department . . . . .	.....	\$625 00	\$625 00	.....	\$625 00	.....
Commissioner of Buildings . . . . .	\$6 49	250 00	256 49	\$6 49	250 00	.....
Maintenance Police Buildings . . . . .	337 50	1,350 00	1,687 50	.....	1,687 50	.....
Health Department . . . . .	713 43	785 71	1,499 14	40 00	787 93	\$671 21
Contagious Hospital . . . . .	4,291 86	8,830 50	13,122 36	739 36	8,726 75	3,656 25
Inspection of Milk . . . . .	171 50	2,211 50	2,383 00	.....	2,011 50	371 50
Sanitary Department . . . . .	.....	400 00	400 00	.....	400 00	.....
Maintenance Sanitary Buildings . . . . .	.....	839 14	839 14	.....	639 14	200 00
Highway Maintenance . . . . .	595 57	24,818 04	25,413 61	16 25	23,433 86	1,963 50
Sidewalks Maintenance . . . . .	.....	99 86	99 86	.....	64 45	35 41
New Sidewalks . . . . .	.....	363 63	363 63	.....	363 63	.....
Street Sprinkling . . . . .	.....	59 04	59 04	.....	59 04	.....
Maintenance Highway Buildings . . . . .	.....	230 00	230 00	.....	230 00	.....
Welfare, Miscellaneous . . . . .	16,695 15	35,340 31	52,035 46	680 08	37,154 65	14,200 73
Welfare, City Home . . . . .	76 43	4,484 64	4,561 07	99 42	4,187 22	274 43
School Contingent . . . . .	1,341 33	11,950 27	13,291 60	332 34	11,712 10	1,247 16
Maintenance School Buildings . . . . .	37 00	1,144 50	1,181 50	72 00	1,109 50	.....
Bathhouse . . . . .	.....	25 00	25 00	.....	25 00	.....
Totals	\$24,266 26	\$93,807 14	\$118,073 40	\$1,985 94	\$93,467 27	\$22,620 19

## WATER DEPARTMENT ACCOUNTS (REVENUE)

	Commitments	Abatements	Collections (net)	Balance
Metered Rates . . . . .	\$265,081 12	\$757 28	\$231,951 67	\$32,372 17
Annual Rates . . . . .	19,917 25	2,030 75	17,886 50	
Additional Rates . . . . .	1,255 89	340 71	915 18	
Service Assessments . . . . .	8,559 72	.....	8,559 72	
Maintenance Bills . . . . .	11,412 35	724 41	10,687 94	
	<hr/>	<hr/>	<hr/>	<hr/>
	\$306,226 33	\$3,853 15	\$270,001 01	\$32,372 17
Receipts				
Metered Rates Last Quarter 1924 . . . . .	. . . . .	. . . . .	. . . . .	\$270,001 01
Water Revenue 1924 . . . . .	. . . . .	. . . . .	. . . . .	<hr/> 32,372 17
				<hr/> \$302,373 18
Metered Rates Last Quarter, 1923				
Uncollected January 1, 1924 . . . . .	. . . . .	. . . . .	. . . . .	\$35,222 25
Abated . . . . .	. . . . .	. . . . .	\$13 42	
Collected . . . . .	. . . . .	. . . . .	<hr/> 35,208 83	
				<hr/> \$35,222 25

## STATEMENT OF ESTIMATED REVENUE

	Estimate	Receipts	Excess	Deficit
<b>Taxes from State:</b>				
Street Railway . . . . .	\$25,000 00	\$16,202 84	.....	\$8,797 16
<b>Licenses and Permits:</b>				
Milk . . . . .	400 00	426 00	\$26 00	.....
Health . . . . .	175 00	180 00	5 00	.....
City Clerk . . . . .	3,900 00	4,597 00	697 00	.....
Executive . . . . .	1,000 00	1,233 00	233 00	.....
<b>Pedlers' License Commission</b>	750 00	1,240 00	490 00	.....
Building Department . . . . .	2,000 00	3,220 50	1,220 50	.....
Electrical Department . . . . .	3,600 00	3,925 50	325 50	.....
Licensing Commission . . . . .	1,800 00	2,110 50	310 50	.....
Miscellaneous . . . . .	300 00	483 78	183 78	.....
<b>Fines and Forfeits:</b>				
Court Fines . . . . .	9,000 00	14,400 74	5,400 74	.....
Departmental Penalties . . . . .	150 00	311 50	161 50	.....
<b>Grants and Gifts:</b>				
County, Dog Licenses . . . . .	2,100 00	2,145 27	45 27	.....
State, Industrial School . . . . .	12,100 00	13,615 67	1,515 67	.....
Continuation School . . . . .	3,500 00	5,795 30	2,295 30	.....
Americanization . . . . .	3,000 00	3,861 53	861 53	.....
<b>Special Assessments:</b>				
Street Sprinkling . . . . .	45,500 00	45,596 76	96 76	.....
Sewers . . . . .	2,000 00	1,759 75	.....	240 25
Street Betterments . . . . .	13,500 00	9,010 00	.....	4,490 00
Apportioned Street Betterments . . . . .	.....	62 35	62 35	.....
Sidewalks . . . . .	4,500 00	2,099 49	.....	2,400 51

## STATEMENT OF ESTIMATED REVENUE

	Estimate	Receipts	Excess	Deficit
General Government:				
Treasury Department . . . . .	6,800 00	5,867 52	.....	932 48
City Clerk's Department . . . . .	1,500 00	1,909 06	409 06	.....
City Messenger's Department . . . . .	.....	625 00	625 00	.....
Commissioner of Buildings . . . . .	.....	250 00	250 00	.....
Protection of Persons and Property:				
Police Department . . . . .	400 00	234 76	.....	165 24
Rent of Court Room . . . . .	1,685 00	1,687 50	2 50	.....
Fire Department . . . . .	.....	740 00	740 00	.....
Sealer of Weights and Measures . . . . .	600 00	701 63	101 63	.....
Health and Sanitation:				
Health Department . . . . .	1,500 00	787 93	.....	712 07
Contagious Hospital . . . . .	7,500 00	8,726 75	1,226 75	.....
Inspection of Milk . . . . .	450 00	2,044 00	1,594 00	.....
Sanitary Department . . . . .	1,600 00	3,156 80	1,556 80	.....
Sanitary Buildings . . . . .	550 00	639 14	89 14	.....
Highways:				
Highway Maintenance . . . . .	12,000 00	23,433 86	11,433 86	.....
Street Sprinkling . . . . .	.....	59 04	59 04	.....
Sidewalks Maintenance . . . . .	.....	64 45	64 45	.....
New Sidewalks . . . . .	.....	363 63	363 63	.....
Highway Buildings . . . . .	240 00	230 00	.....	10 00
Charities:				
Welfare Department, City Home . . . . .	6,000 00	6,819 68	819 68	.....
Welfare Department, Miscellaneous . . . . .	35,000 00	37,154 65	2,154 65	.....
Soldiers' Benefits:				
State Aid . . . . .	7,400 00	6,296 00	.....	1,104 00
Military Aid . . . . .	1,550 00	1,942 25	392 25	.....
Soldiers' Burials . . . . .	400 00	120 00	.....	280 00

## ESTIMATED REVENUE

	Estimate	Receipts	Excess	Deficit
Education:				
School Contingent	14,300 00	11,759 82		2,540 18
School Buildings	1,300 00	1,141 82		158 18
Libraries:				
Library Department	2,300 00	2,130 83		169 17
Recreation and Unclassified:				
Electrolysis	250 00	500 00	250 00	
Bathhouse	500 00	635 25	135 25	
Shower Baths	450 00	405 80		44 20
Miscellaneous	200 00	262 32	62 32	
Public Service Enterprises:				
Water Department	300,000 00	302,373 18	2,373 18	
Interest:				
Bank Deposits	11,000 00	10,532 32		467 68
Deferred Taxes	16,000 00	16,227 45	227 45	
Special Assessments	200 00	264 77	64 77	
Apportioned Betterments		17 82	17 82	
Miscellaneous		61 40	61 40	
Totals	\$565,950 00	\$582,443 91	\$39,005 03	\$22,511 12
Estimate				\$565,950 00
Actual				582,443 91
Excess				\$ 16,493 91

## STATEMENT OF APPROPRIATIONS, 1924 (REVENUE)

	Appropriations from	Appropriations Trans. to	Receipts and Service Trans.	Total Credit	Expenditures	Balance to Excess and Deficiency
<b>General Government:—</b>						
Board of Aldermen Expenses . . . . .	\$1,300 00	.....	.....	\$1,302 00	\$1,301 02	\$ 98
Clerk of Committees Department . . . . .	3,200 00	\$2 00	.....	3,198 00	3,155 69	42 31
Executive Department . . . . .	9,275 00	.....	.....	9,275 00	9,247 95	27 05
Auditing Department . . . . .	6,640 00	125 00	.....	6,765 00	6,762 69	2 31
Treasury Department . . . . .	25,000 00	125 00	.....	24,875 00	24,740 05	134 95
Assessors' Department . . . . .	22,475 00	.....	.....	23,975 00	23,868 00	107 00
Peddlers' License Commission . . . . .	25 00	.....	.....	25 00	24 00	1 00
Licensing Commission . . . . .	2,780 00	.....	.....	2,780 00	2,570 22	209 78
Certification of Notes and Bonds . . . . .	150 00	.....	.....	150 00	150 00	.....
City Clerks Department . . . . .	10,620 00	.....	1,886 56	13,356 56	13,241 61	114 95
Registration of City Laborers . . . . .	480 00	.....	.....	480 00	479 59	41
Law Department . . . . .	4,100 00	.....	.....	4,112 00	4,111 68	32
City Messenger's Department . . . . .	3,150 00	12 00	.....	3,138 00	3,008 03	129 97
Engineering Department . . . . .	13,370 00	.....	.....	13,370 00	13,174 23	195 77
Commissioner of Public Buildings . . . . .	9,490 00	110 00	.....	9,383 26	9,356 02	27 24
Maintenance Municipal Buildings . . . . .	14,000 00	.....	202 87	14,202 87	14,188 03	14 84
City Planning Board . . . . .	1,000 00	.....	.....	1,000 00	506 67	493 33
Election Expenses, City Clerk . . . . .	1,655 00	.....	.....	3,005 00	2,930 64	74 36
Election Expenses, Registrars of Voters . . . . .	4,875 00	.....	.....	6,115 00	6,110 68	4 32



# STATEMENT OF APPROPRIATIONS, 1924 (REVENUE)

	Appropriations Trans. from	Appropriation Trans. to	Receipts and Service Trans.	Total Credit	Expenditures	Balance to Excess and Deficiency
Pay of Election Officers . . . . .	4,596 00	175 00	.....	4,771 00	4,771 00	.....
Maintenance Polling Places . . . . .	850 00	760 00	.....	1,610 00	1,607 97	2 03
Total General Government . . . . .	139,031 00	249 00	2,092 69	146,888 69	145,305 77	1,582 92
<b>Protection of Persons and Property:—</b>						
Police Department . . . . .	222,500 00	.....	.....	222,500 00	220,679 14	1,820 86
Maintenance Police Buildings . . . . .	.....	.....	.....	.....	.....	.....
Fire Department . . . . .	5,650 00	.....	.....	5,650 00	5,076 16	573 84
Maintenance Fire Buildings . . . . .	253,900 00	1,287 63	437 60	255,625 23	255,365 93	259 30
Weights and Measures . . . . .	10,570 00	.....	.....	10,570 00	10,227 76	342 24
Electrical Department . . . . .	4,000 00	.....	.....	4,000 00	3,993 72	6 28
Maintenance Electrical Buildings . . . . .	21,400 00	.....	625 39	22,025 39	21,364 26	661 13
Suppression of Moths . . . . .	2,100 00	.....	.....	2,100 00	1,917 49	182 51
Care of Trees . . . . .	4,200 00	800 00	38 75	5,038 75	5,037 34	1 41
Total Protection of Persons and Property . . . . .	5,800 00	275 00	.....	6,075 00	6,060 16	14 84
.....	530,120 00	2,362 63	1,101 74	533,584 37	529,721 96	3,862 41
<b>Health and Sanitation:—</b>						
Health Department . . . . .	22,960 00	.....	5 00	23,470 00	23,467 83	2 17
Vital Statistics . . . . .	950 00	.....	.....	950 00	883 40	66 60
Contagious Hospital . . . . .	18,200 00	270 00	.....	19,430 00	19,421 08	8 92
Maintenance Contagious Hospital . . . . .	4,000 00	490 00	.....	3,710 00	3,669 95	40 05
Inspection of Animals and Provisions . . . . .	2,485 00	.....	.....	2,485 00	2,482 40	2 60
Inspection of Milk and Vinegar . . . . .	5,765 00	.....	15 00	5,780 00	5,669 69	110 31
Inspection of School Children . . . . .	1,750 00	.....	.....	1,750 00	1,728 47	21 53

## STATEMENT OF APPROPRIATIONS, 1924 (REVENUE)

	Appropriations	Appropriation Trans. from	Appropriation Trans. to	Receipts and Service Trans.	Total Credit	Expenditures	Balance to Excess and Deficiency
School Nurses' Salaries	2,550 00	.....	.....	.....	2,550 00	2,550 00	.....
Sewers Maintenance	25,000 00	500 00	.....	167 52	24,667 52	24,655 31	12 21
Maintenance Sewer Build-ings	350 00	70 00	.....	.....	280 00	242 16	37 84
Sanitary Department	170,190 00	.....	13,970 00	.....	184,160 00	184,141 21	18 79
Maintenance Sanitary Build-ings	720 00	.....	255 00	.....	975 00	970 16	4 84
Street Cleaning	25,600 00	.....	5,000 00	.....	30,600 00	30,599 64	36
Total Health and Sanitation	280,520 00	1,330 00	21,430 00	187 52	300,807 52	300,481 30	326 22
Highways:—							
Highways Maintenance	78,000 00	.....	13,975 00	34,863 81	126,838 81	126,297 10	541 71
Sidewalks Maintenance	9,600 00	.....	.....	.....	9,600 00	9,599 73	27
Street Sprinkling	37,180 00	250 00	4,020 00	.....	40,950 00	40,909 05	40 95
Street Lighting	71,680 00	290 00	.....	.....	71,390 00	70,667 82	722 18
Maintenance Highway Build-ings	2,100 00	.....	370 00	12 34	2,482 34	2,464 76	17 58
Total Highways	198,560 00	540 00	18,365 00	34,876 15	251,261 15	249,938 46	1,322 69
Charities and Soldiers' Benefits:—							
Welfare, Miscellaneous	93,480 00	.....	6,235 00	444 14	100,159 14	100,013 27	145 87
Welfare, City Home	14,780 00	.....	90 00	22 00	14,892 00	14,891 79	21
Maintenance City Home	5,200 00	515 00	.....	.....	4,685 00	3,561 43	1,123 57
Soldiers' Benefits, General Administration	1,440 00	.....	.....	.....	1,440 00	1,432 08	7 92
Military Aid	3,100 00	.....	900 00	45 00	4,045 00	3,929 50	115 50
State Aid	7,400 00	900 00	.....	12 00	6,512 00	6,308 00	204 00
Soldiers' Relief	25,100 00	.....	200 00	400 00	25,700 00	25,606 15	93 85
Soldiers' Burials	400 00	200 00	.....	.....	200 00	120 00	80 00
Total Charities and Soldiers' Benefits	150,900 00	1,615 00	7,425 00	923 14	157,633 14	155,862 22	1,770 92



# STATEMENT OF APPROPRIATIONS, 1924 (REVENUE)

	Appropriations	Appropriation Trans. from	Appropriation Trans. to	Receipts and Service Trans.	Total Credit	Expenditures	Balance to Excess and Deficiency
<b>Education:—</b>							
School Contingent	63,900 00				63,900 00	63,342 30	557 70
Outfit Tuition	7,500 00				7,500 00	7,316 74	183 26
School Teachers' Salaries	760,480 00			8 50	760,488 50	760,246 88	241 62
Janitors' Services	68,000 00		1,540 00	85 71	69,625 71	69,455 50	170 21
Fuel and Light	57,000 00	7,300 00			49,700 00	49,664 38	35 62
Buildings and Grounds	52,000 00			493 64	52,493 64	52,060 42	433 22
Total Education	1,008,880 00	7,300 00	1,540 00	587 85	1,003,707 85	1,002,086 22	1,621 63
<b>Libraries:—</b>							
Central Library	33,225 00			7 89	33,232 89	33,232 35	54
Maintenance Central Library	12,500 00				12,500 00	12,335 21	164 79
West Somerville Branch Library	9,220 00			39 48	9,259 48	9,259 18	30
Maintenance West Somerville Branch Library	3,000 00	80 00			2,920 00	2,644 41	275 59
East Somerville Branch Library	6,295 00			311 60	6,606 60	6,606 23	37
Maintenance East Somerville Library	2,000 00		80 00		2,080 00	2,078 96	1 04
Union Square Branch Library	6,830 00			104 11	6,934 11	6,933 35	76
Maintenance Union Square Branch Library	2,400 00				2,400 00	2,154 91	245 09
Total Libraries	75,470 00	80 00	80 00	463 08	75,933 08	75,244 60	688 48
<b>Recreation and Unclassified:—</b>							
Parks Maintenance	11,550 00		4,525 00	70 00	16,145 00	16,144 19	81
Maintenance Park Buildings	2,270 00				2,270 00	2,019 47	250 53
Park and Playground Improvement	5,000 00				5,000 00	4,996 05	3 95
Playgrounds Maintenance	7,050 00			83 63	7,133 63	7,133 23	40

CITY AUDITOR.

## STATEMENT OF APPROPRIATIONS, 1924 (REVENUE)

	Appropriations	Appropriation Trans. from	Trans. to	Receipts and Service Trans.	Total Credit	Expenditures	Balance to Excess and Deficiency
Public Welfare and Recreation Commission . . . . .	7,000 00	.....	.....	.....	7,000 00	6,999 78	22
Maintenance Bathhouse . . . . .	2,800 00	150 00	.....	.....	2,650 00	2,551 75	98 25
Celebrations . . . . .	3,000 00	.....	25 00	.....	3,025 00	3,024 79	21
Memorial Day . . . . .	600 00	.....	.....	.....	600 00	536 73	63 27
Municipal Documents . . . . .	2,140 00	50 00	500 00	.....	2,590 00	2,521 69	68 31
Maintenance Bandstand . . . . .	200 00	.....	150 00	16 20	366 20	296 15	70 05
Rifle Practice Cos. A & B Engineers . . . . .	1,500 00	45 00	.....	.....	1,455 00	745 00	710 00
Quarters Spanish War Veterans . . . . .	40 00	.....	.....	.....	40 00	40 00	.....
Quarters for American Legion . . . . .	600 00	.....	45 00	.....	645 00	645 00	.....
Quarters for George Dilboy Post . . . . .	600 00	.....	.....	.....	600 00	600 00	.....
Investigation of Railroad Rates . . . . .	500 00	.....	.....	.....	500 00	500 00	.....
Contingent Fund . . . . .	10,000 00	10,000 00	.....	.....	.....	.....	.....
Workmens' Compensation . . . . .	5,000 00	.....	1,275 00	82 67	6,357 67	6,285 56	72 11
Pensions . . . . .	46,000 00	4,025 00	.....	12 00	41,987 00	41,266 17	720 83
Damage to Persons and Property . . . . .	5,000 00	.....	1,850 00	.....	6,850 00	6,849 93	07
Total Recreation and Unclassified . . . . .	110,850 00	14,270 00	8,370 00	264 50	105,214 50	103,155 49	2,059 01
<b>Municipal Indebtedness:—</b>							
Interest . . . . .	108,000 00	440 00	.....	428 82	107,988 82	107,907 30	81 52
Reduction of Funded Debt . . . . .	161,156 50	.....	.....	3,343 50	164,500 00	164,500 00	.....
Total Municipal Indebtedness . . . . .	269,156 50	440 00	.....	3,772 32	272,488 82	272,407 30	81 52
<b>Water Works:—</b>							
Water Maintenance . . . . .	84,200 00	.....	.....	27,562 81	111,762 81	108,865 50	2,897 31
Water Works Extension . . . . .	35,000 00	.....	.....	894 62	35,894 62	35,009 34	885 28

## STATEMENT OF APPROPRIATIONS, 1924 (REVENUE)

	Appropriations Trans. from	Appropriations Trans. to	Receipts and Service Trans.	Total Credit	Expenditures	Balance to Excess and Deficiency
Maintenance Water Buildings	2,500 00	950 00	.....	3,450 00	2,983 36	466 64
Metropolitan Water Assessment	143,000 00	400 00	.....	142,600 00	142,275 86	324 14
Total Water Works	264 700 00	400 00	28,457 43	293,707 43	289,134 06	4,573 37
Total Appropriations	\$3,028,187 50	\$26,224 00	\$72,726 42	\$3,141,226 55	\$3,123,337 38	\$17,889 17
<b>Other Accounts</b>						
<b>Income of Trust Funds:—</b>						
<b>School:—</b>						
S. Newton Cutler	.	\$624 85	\$214 50	\$839 35	\$394 22	\$445 13
Caroline G. Baker	.	10 93	13 50	24 43	17 68	6 75
Smith-Hughes	.	194 60	2,802 51	2,997 11	2,635 29	361 82
<b>Library:—</b>						
S. Newton Cutler	.	20	42 88	43 08	37 87	5 21
Martha R. Hunt Art	.	102 51	97 50	200 01	134 70	65 31
Martha R. Hunt Book	.	11 12	295 30	506 42	501 06	5 36
Hunt Art Fund Special	.	.....	700 23	700 23	700 23	.....
Hunt Fund for Expenses	.	57 77	299 77	357 54	57 77	299 77
Isaac Pitman Art	.	45 59	171 32	216 91	6 81	210 10
Isaac Pitman Poetry	.	9 07	42 82	51 89	.....	51 89
Frances A. Wilder	.	8 79	4 50	13 29	.....	13 29
<b>Welfare:—</b>						
Olive C. Cummings	.	432 22	75 05	507 27	.....	507 27
Temporary Loans	.	.....	.....	1,950,000 00	1,950,000 00	.....
State Taxes and Assessments	.	.....	.....	350,072 82	350,072 82	.....
County Tax	.	.....	.....	128,995 57	128,995 57	.....
Tax Titles	.	.....	.....	257 39	257 39	.....
Court Judgments	.	.....	.....	1,136 37	1,136 37	.....
Grade Crossings Advances	.	.....	.....	50 00	50 00	.....

## STATEMENT OF APPROPRIATIONS, 1924 (REVENUE)

Refunds:—	Balance from 1923	Receipts	Total Credit	Expenditures	Balance to 1925
Taxes . . . . .	.....	.....	556 42	556 42	.....
Assessments . . . . .	.....	.....	134 30	134 30	.....
Water . . . . .	.....	.....	594 41	594 41	.....
Miscellaneous . . . . .	.....	.....	121 69	121 69	.....
Total Other Accounts . . . . .	\$1,497 65	\$4,759 88	\$2,438,376 50	\$2,436,404 60	\$1,971 90
Revenue Totals . . . . .			5,579,603 05	5,559,741 98	19,861 07

# STATEMENT OF APPROPRIATIONS, 1924 (NON-REVENUE)

	Balance From 1923	Appropriation	Appropriation transferred from	Receipts and Service Trans.	Total Credit	Expendi- tures	Balance to 1923
<b>Protection of Persons and Property:—</b>							
Electrical Department, Underground Wires	\$2,240 77	\$1,000 00	.....	.....	\$3,240 77	\$2,444 05	\$796 72
Fire Department, Additional Apparatus	718 75	10,000 00	\$1,287 63	.....	9,431 12	9,431 12	.....
<b>Health and Sanitation:—</b>							
Sewers Construction	3,401 85	7,900 00	.....	\$204 12	11,505 97	8,059 07	3,446 90
<b>Highways:—</b>							
Highway Construction, New Streets	4 60	30,000 00	.....	28 18	36,332 78	36,305 99	26 79
Highway Construction, Permanent Pavement	17 08	50,000 00	.....	.....	50,017 08	49,934 86	82 22
Sidewalks Construction, Highway, Reconstructing and Resurfacing	1 91	10,000 00	.....	54 75	10,056 66	9,879 93	176 73
	72	25,000 00	.....	.....	26,475 72	26,472 71	3 01

CITY AUDITOR.



## STATEMENT OF APPROPRIATIONS, 1924 (NON-REVENUE)

	Balance From 1923	Appropriation	Appropriation transfer from	Appropriation transfer to	Receipts and Service Trans.	Total Credit	Expendi- tures	Balance to 1925
<b>Education:—</b>								
Northern -East- ern Junior High School Additional Land South- ern Junior High . . . . .	112,645 67	.....	.....	5,500 00	44,820 58	162,966 25	161,698 15	1,268 10
City Hall Ad- ditions . . . . .	1,000 00	.....	.....	500 00	.....	1,500 00	1,500 00	.....
Municipal (Me- morial) Building . . . . .	115,460 75	.....	.....	61,500 00	.....	176,960 75	163,701 95	13,258 80
Additional Land Dur- ell School . . . . .	.....	40,000 00	.....	.....	.....	40,000 00	.....	40,000 00
New School Building, East Somer- ville . . . . .	1,000 00	350 00	.....	.....	.....	1,350 00	1,350 00	.....
School Houses, Sprinkler Sys- tem . . . . .	1,046 70	.....	.....	.....	.....	1,046 70	.....	1,046 70
	3,539 88	.....	.....	.....	.....	3,539 88	.....	3,539 88
<b>Recreation:—</b>								
Playground, Ward Six . . . . .	.....	45,000 00	.....	.....	575 00	45,575 00	44,280 91	1,294 09
Field House, Dilboy Field	10,471 28	.....	.....	.....	.....	10,471 28	.....	10,471 28

## STATEMENT OF APPROPRIATIONS, 1924 (NON-REVENUE)

	Balance From 1923	Appropriation	Appropriation transfer from	Appropriation transfer to	Receipts and Service Trans.	Total Credit	Expendi- tures	Balance to 1925
Improvement of Play- grounds, West Somer- ville Junior High	291 83	.....	.....	.....	.....	291 83	291 83	.....
Improvement of Walter Ernest Shaw Playground	.....	.....	.....	5,000 00	.....	5,000 00	4,994 03	5 97
Total Appropri- ation Acc'ts	\$251,841 79	\$219,250 00	\$1,287 63	\$80,275 00	\$45,682 63	\$595,761 79	\$520,344 60	\$75,417 19
Other Accounts:—								
Redemption of Tax Titles	.....	.....	.....	.....	2,670 25	2,670 25	2,670 25	.....
Comm. of Mass. Liquor Fees	.....	.....	.....	.....	6 00	6 00	5 75	25
Non-Revenue Totals					\$48,358 88	\$598,438 04	\$523,020 60	\$75,417 44

## COMMONWEALTH OF MASSACHUSETTS

## Payments

State Tax . . . . .	\$162,100 00
State Highway Tax . . . . .	1,131 51
Metropolitan Sewer Assessment . . . . .	102,039 97
Metropolitan Park Assessment . . . . .	68,004 00
Metropolitan Water Assessment . . . . .	142,275 86
Wellington Bridge Assessment . . . . .	2,010 10
Wellington Bridge Special Assessment . . . . .	1,340 90
Charles River Basin Assessment . . . . .	9,627 83
Alewife Brook Assessment . . . . .	1,026 08
Fire Prevention Assessment . . . . .	1,116 72
Division Metropolitan Planning . . . . .	900 45
Soldiers' Exemption Assessment . . . . .	253 26
Poll Taxes 1923 . . . . .	522 00
Liquor License Fees 1924 . . . . .	5 75
Refund Corporation Taxes 1923 . . . . .	6 00
Refund National Bank Taxes 1923 . . . . .	1 59
Refund National Bank Taxes 1924 . . . . .	73 10

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\$492,435 12

## Receipts

Corporation Taxes 1924 . . . . .	\$102,822 81
Corporation Taxes 1923 . . . . .	10,085 01
Corporation Taxes 1921 . . . . .	319 80
Corporation Taxes 1920 . . . . .	275 39
National Bank Tax 1924 . . . . .	2,541 37
National Bank Tax, Prior Years . . . . .	383 88
Street Railway Tax 1924 . . . . .	16,202 84
Income Taxes 1924 . . . . .	188,213 22
Income Taxes 1923 . . . . .	10,536 50
Income Taxes 1922 . . . . .	3,830 82
Account Pedlers' State License . . . . .	75 00
Account Boxing Licenses . . . . .	208 28
Vocational School . . . . .	13,615 67
Continuation School . . . . .	5,795 30
Americanization . . . . .	3,861 53
Smith-Hughes Fund . . . . .	2,802 51
In Lieu of Taxes . . . . .	86 99
Diseases Dangerous to Health . . . . .	2,122 93
General Aid to Poor . . . . .	13,685 01
Mothers' Aid . . . . .	18,286 53
State Aid . . . . .	7,297 00
Military Aid . . . . .	1,452 50
Soldiers' Burials . . . . .	111 67
Tuition State Wards . . . . .	2,727 98
Surplus War Bonus Fund . . . . .	46,598 06
Interest Grade Crossings Account . . . . .	2,586 28

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\$456,524 88



## COUNTY OF MIDDLESEX

## Payments

County Tax . . . . .	\$128,995 57
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## STATEMENT OF REVENUE AND EXPENSES

## Revenue

Total amount as per assessors commitments . . . . .		\$2,910,413 70
Less State Taxes . . . . .	\$163,231 51	
County Taxes . . . . .	128,995 57	
Overlay . . . . .	27,796 79	
		<u>320,023 87</u>

Amount raised for municipal purposes . . . . .	\$2,590,389 83
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## Other Revenue:

## Commonwealth of Massachusetts:—

Income Tax 1922 and Prior Years, Excess . . . . .	\$3,830 82
Income Tax 1923, Excess . . . . .	10,536 50
Income Tax 1924 . . . . .	188,213 22
Corporation Taxes 1924 . . . . .	102,822 81
Corporation Taxes, Prior Years . . . . .	10,674 20
National Bank Taxes 1924 . . . . .	2,468 27
National Bank Taxes Prior Years . . . . .	382 29
Interest Grade Crossing Account . . . . .	2,586 28
Revenue from Taxes, Supplementary Warrants . . . . .	532 36
Penalty on Coal Contract 1923 . . . . .	698 99
Somerville Visiting Nurse Association . . . . .	500 00
Special Excise Tax . . . . .	30 27
Estimated Revenue . . . . .	\$565,950 00
Excess . . . . .	16,493 91
	<u>582,443 91</u>

Appropriations from Reserve Fund, Surplus from Overlays . . . . .	7,136 37
Appropriations from Excess and Deficiency . . . . .	74,000 00
	<u>81,136 37</u>

	<u>986,856 29</u>
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Total Revenue . . . . .	\$3,577,246 12
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## Expenses

General Appropriations . . . . .	\$3,057,598 33
Outlay Appropriations . . . . .	290,900 00
Court Judgments . . . . .	1,136 37
Metropolitan and Other Assessments . . . . .	186,319 31
	<u>3,535,954 01</u>

Excess of Revenue . . . . .	\$ 41,292 11
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## TEMPORARY LOANS, 1924

Taken by	Nos.	Issued	Due	Rate	Amount	Paid
Blake Bros. & Co.	1167 @	Feb. 19, 1924	Oct. 20, 1924	3.96	\$100,000 00	Oct. 20, 1924
Blake Bros. & Co.	1170 @	Feb. 19, 1924	Oct. 27, 1924	plus \$2.00	100,000 00	Oct. 27, 1924
Old Colony Trust Company	1173 @	Mar. 21, 1924	Nov. 5, 1924	3.96	500,000 00	Nov. 5, 1924
Old Colony Trust Company	1197 @	Apr. 23, 1924	Nov. 5, 1924	4.03	300,000 00	Nov. 5, 1924
Somerville National Bank	1219 @	May 16, 1924	Oct. 31, 1924	less \$5.25	100,000 00	Oct. 31, 1924
Somerville Trust Company	1223 @	May 16, 1924	Oct. 31, 1924	3.50	50,000 00	Oct. 31, 1924
First National Bank	1225 @	June 13, 1924	Dec. 12, 1924	3.00	200,000 00	Dec. 12, 1924
First National Bank	1229 @	July 17, 1924	Jan. 30, 1925	2.39	100,000 00	
First National Bank	1231 @	July 17, 1924	Feb. 25, 1925	plus \$7.00	100,000 00	
First National Bank	1233 @	July 17, 1924	Mar. 25, 1925	2.39	100,000 00	
First National Bank	1235 @	Aug. 13, 1924	Apr. 28, 1925	2.34	100,000 00	
First National Bank	1237 @	Aug. 13, 1924	May 28, 1925	plus \$6.00	100,000 00	
First National Bank	1239 @	Dec. 19, 1924	June 10, 1925	2.34	100,000 00	
Total amount of 1924 Loans				2.82	\$1,950,000 00	
Outstanding January 1, 1924					600,000 00	
Payments 1924					\$2,550,000 00	
Outstanding December 31, 1924					1,950,000 00	
					\$600,000 00	

## FUNDED DEBT

The total funded debt of the city January 1, 1924 was \$1,743,500.00. No debt was incurred during the year. The total funded debt of the city December 31, 1924 was \$1,579,000.00, a decrease of \$164,500.00, maturities of this amount having been paid during the year.

## Classified Debt January 1, 1924

City Loan . . . . .	\$155,500 00	
City Hall Additions Loan . . . . .	150,000 00	
Sewer Loan . . . . .	161,000 00	
Public Building Loan . . . . .	193,000 00	
Highway Loan . . . . .	201,000 00	
Schoolhouse Loan . . . . .	845,000 00	
Bridge Loan . . . . .	26,000 00	
		<hr/>
Total within limit . . . . .		\$1,731,500 00
Sewer Loan . . . . .	6,000 00	
Metropolitan Park Loan . . . . .	6,000 00	
		<hr/>
Total outside limit . . . . .		12,000 00
		<hr/>
Total funded debt . . . . .		\$1,743,500 00

Maturities reducing the debt were as follows:—

City Loan . . . . .	\$25,500 00	
City Hall Additions Loan . . . . .	8,000 00	
Sewer Loan . . . . .	17,000 00	
Public Building Loan . . . . .	18,000 00	
Highway Loan . . . . .	46,000 00	
Schoolhouse Loan . . . . .	45,000 00	
Bridge Loan . . . . .	1,000 00	
		<hr/>
Total within limit . . . . .		\$160,500 00
Sewer Loan . . . . .	\$3,000 00	
Metropolitan Park Loan . . . . .	1,000 00	
		<hr/>
Total outside limit . . . . .		4,000 00
		<hr/>
Total Maturities . . . . .		\$164,500 00

## Classified Debt December 31, 1924

City Bonds 3½% . . . . .	\$ 8,000 00
City Bonds 4% . . . . .	122,000 00
City Hall Additions Bonds 4% . . . . .	72,000 00
City Hall Additions Bonds 4¼% . . . . .	70,000 00
Sewer Bonds 3½% . . . . .	38,000 00
Sewer Bonds 4% . . . . .	87,000 00
Sewer Bonds 4¼% . . . . .	19,000 00
Public Building Loan Bonds 4% . . . . .	120,000 00
Public Building Loan Bonds 4½% . . . . .	55,000 00

Highway Bonds 4½%	20,000 00	
Highway Bonds 4%	56,000 00	
Highway Bonds 3½%	14,000 00	
Highway Bonds 5%	65,000 00	
Schoolhouse Bonds 4%	800,000 00	
Bridge Bonds 3½%	25,000 00	
Total within limit		\$1,571,000 00
Sewer Bonds 4%	\$3,000 00	
Metropolitan Park Bonds 3½%	5,000 00	
Total outside limit		8,000 00
Total funded debt		\$1,579,000 00

The debt per capita on December 31, 1924 was \$15.79. The ratio of debt to valuation was 1.58%. A limit of 2.5% is fixed by statute. Tax rate per \$1,000 valuation on account of Reduction of Funded Debt was \$1.66.

#### TAXES

The total amount of taxable property as of April 1, 1924 was \$99,311,000.00. The tax rate was fixed at \$28.70.

State Tax	\$162,100 00
State Highway Tax	1,131 51
Metropolitan Sewer Assessment	102,039 97
Metropolitan Park Assessment	68,004 00
Wellington Bridge Assessment	3,351 00
Charles River Basin Assessment	9,627 83
Alewife Brook Assessment	1,026 08
Fire Prevention Assessment	1,116 72
Division Metropolitan Planning	900 45
County Tax	128,995 57
City Budget	3,246,587 50
Overlay	27,796 79
Total amount raised	\$3,752,677 42
Less Estimated Revenue	\$565,950 00
Appropriated from Excess and Deficiency	15,000 00
State Income Tax	172,813 72
Corporation Tax	85,000 00
National Bank Tax	3,500 00
Poll Taxes	60,188 00
	902,451 72
Net Amount Assessed in Taxes	\$2,850,225 70

Appropriations, classified under general headings, were made from revenue as follows:—

General Government	\$139,031 00
Protection of Persons and Property	541,120 00
Health and Sanitation	288,420 00
Highways	313,560 00

Charities . . . . .	113,460 00
Soldiers' Benefits . . . . .	37,440 00
Education . . . . .	1,008,880 00
<b>Libraries</b> . . . . .	75,470 00
Recreation . . . . .	83,670 00
Unclassified . . . . .	111,680 00
Municipal Indebtedness . . . . .	269,156 50
Water Works . . . . .	264,700 00
	<hr/>
	\$3,246,587 50
Less estimated receipts and appropri- ations from Excess and Deficiency . . .	842,263,72
	<hr/>
Raised by taxation for city purposes .	\$2,404,323 78



## FUNDED DEBT, DECEMBER 31, 1924

	City Loan	City Hall Additions	Sewer Loan	Public Building Loan	Highway Loan	Lowell Street Bridge Loan	Sewer Loan Chap. 357 1895	Metropolitan Park Assess- ment Loan Chap. 325, 1902	School- house Loan	Total Maturities By Years
1925.....	\$23,000	\$8,000	\$17,000	\$18,000	\$35,000	\$1,000	\$3,000	\$1,000	\$45,000	\$151,000
1926.....	19,000	8,000	15,000	18,000	30,000	1,000	.....	1,000	45,000	137,000
1927.....	19,000	8,000	14,000	17,000	22,000	1,000	.....	1,000	45,000	127,000
1928.....	17,000	8,000	12,000	16,000	19,000	1,000	.....	1,000	44,000	118,000
1929.....	16,000	8,000	11,000	16,000	19,000	1,000	.....	1,000	44,000	116,000
1930.....	15,000	8,000	10,000	16,000	15,000	1,000	.....	.....	44,000	109,000
1931.....	12,000	8,000	10,000	15,000	10,000	1,000	.....	.....	44,000	100,000
1932.....	9,000	8,000	8,000	15,000	5,000	1,000	.....	.....	44,000	90,000
1933.....	.....	8,000	8,000	14,000	.....	1,000	.....	.....	43,000	74,000
1934.....	.....	7,000	8,000	14,000	.....	1,000	.....	.....	43,000	73,000
1935.....	.....	7,000	7,000	8,000	.....	1,000	.....	.....	43,000	66,000
1936.....	.....	7,000	6,000	4,000	.....	1,000	.....	.....	43,000	61,000
1937.....	.....	7,000	6,000	4,000	.....	1,000	.....	.....	43,000	61,000
1938.....	.....	7,000	4,000	.....	.....	1,000	.....	.....	43,000	55,000
1939.....	.....	7,000	3,000	.....	.....	1,000	.....	.....	43,000	54,000
1940.....	.....	7,000	2,000	.....	.....	1,000	.....	.....	43,000	53,000
1941.....	.....	7,000	1,000	.....	.....	1,000	.....	.....	43,000	52,000
1942.....	.....	7,000	1,000	.....	.....	1,000	.....	.....	43,000	52,000
1943.....	.....	7,000	1,000	.....	.....	1,000	.....	.....	15,000	24,000
1944.....	.....	.....	.....	.....	.....	1,000	.....	.....	.....	1,000
1945.....	.....	.....	.....	.....	.....	1,000	.....	.....	.....	1,000
1946.....	.....	.....	.....	.....	.....	1,000	.....	.....	.....	1,000
1947.....	.....	.....	.....	.....	.....	1,000	.....	.....	.....	1,000
1948.....	.....	.....	.....	.....	.....	1,000	.....	.....	.....	1,000
1949.....	.....	.....	.....	.....	.....	1,000	.....	.....	.....	1,000
	<u>\$130,000</u>	<u>\$142,000</u>	<u>\$144,000</u>	<u>\$175,000</u>	<u>\$155,000</u>	<u>\$25,000</u>	<u>\$3,000</u>	<u>\$5,000</u>	<u>\$800,000</u>	<u>\$1,579,000</u>

## INTEREST REQUIREMENTS ON PRESENT CITY DEBT

	City	City Hall Additions	Sewer	Public Buildings	Highway	Bridges	Metropolitan Park	School- house	Total
1925.....	\$4,850 00	\$5,855 00	\$5,506 25	\$7,075 00	\$6,180 00	\$857 50	\$175 00	\$31,360 00	\$61,858 75
1926.....	4,022 50	5,535 00	4,768 75	6,330 00	4,795 00	822 50	140 00	29,560 00	55,973 75
1927.....	3,267 50	5,215 00	4,186 25	5,585 00	3,610 00	787 50	105 00	27,760 00	50,516 25
1928.....	2,552 50	4,895 00	3,663 75	4,880 00	2,670 00	752 50	70 00	25,980 00	45,463 75
1929.....	1,897 50	4,575 00	3,196 25	4,220 00	1,790 00	717 50	35 00	24,220 00	40,651 25
1930.....	1,280 00	4,255 00	2,768 75	3,560 00	1,000 00	682 50	.....	22,460 00	36,006 25
1931.....	740 00	3,935 00	2,381 25	2,920 00	425 00	647 50	.....	20,700 00	31,748 75
1932.....	320 00	3,615 00	2,013 75	2,300 00	100 00	612 50	.....	18,940 00	27,901 25
1933.....	.....	3,295 00	1,701 25	1,700 00	.....	577 50	.....	17,180 00	24,453 75
1934.....	.....	2,975 00	1,388 75	1,120 00	.....	542 50	.....	15,460 00	21,486 25
1935.....	.....	2,677 50	1,096 25	620 00	.....	507 50	.....	13,740 00	18,641 25
1936.....	.....	2,380 00	841 25	360 00	.....	472 50	.....	12,020 00	16,073 75
1937.....	.....	2,082 50	603 75	180 00	.....	437 50	.....	10,300 00	13,603 75
1938.....	.....	1,785 00	406 25	.....	.....	402 50	.....	8,580 00	11,173 75
1939.....	.....	1,487 50	268 75	.....	.....	367 50	.....	6,860 00	8,983 75
1940.....	.....	1,190 00	168 75	.....	.....	332 50	.....	5,140 00	6,831 25
1941.....	.....	892 50	106 25	.....	.....	297 50	.....	3,420 00	4,716 25
1942.....	.....	595 00	63 75	.....	.....	262 50	.....	1,700 00	2,621 25
1943.....	.....	297 50	21 25	.....	.....	227 50	.....	300 00	846 25
1944.....	.....	.....	.....	.....	.....	192 50	.....	.....	192 50
1945.....	.....	.....	.....	.....	.....	157 50	.....	.....	157 50
1946.....	.....	.....	.....	.....	.....	122 50	.....	.....	122 50
1947.....	.....	.....	.....	.....	.....	87 50	.....	.....	87 50
1948.....	.....	.....	.....	.....	.....	52 50	.....	.....	52 50
1949.....	.....	.....	.....	.....	.....	17 50	.....	.....	17 50
	<u>\$18,930 00</u>	<u>\$57,537 50</u>	<u>\$35,151 25</u>	<u>\$40,850 00</u>	<u>\$20,570 00</u>	<u>\$10,937 50</u>	<u>\$525 00</u>	<u>\$295,680 00</u>	<u>\$480,181 25</u>

## MATURITIES ON FUNDED DEBT 1925

Class of Loan	Jan. 1, 1925	April 1, 1925	July 1, 1925	Oct. 1, 1925	Totals
City . . . . .	\$2,000 00	\$14,000 00	\$7,000 00	.....	\$23,000 00
Sewers . . . . .	3,000 00	9,000 00	8,000 00	.....	20,000 00
Public Buildings . . . . .	5,000 00	5,000 00	8,000 00	.....	18,000 00
Highway . . . . .	8,000 00	25,000 00	2,000 00	.....	35,000 00
Bridge . . . . .	.....	1,000 00	.....	.....	1,000 00
Metropolitan Park . . . . .	.....	.....	1,000 00	.....	1,000 00
Schoolhouse . . . . .	15,000 00	17,000 00	.....	13,000 00	45,000 00
City Hall Additions . . . . .	.....	.....	.....	8,000 00	8,000 00
<b>Total</b>	<b>\$33,000 00</b>	<b>\$71,000 00</b>	<b>\$26,000 00</b>	<b>\$21,000 00</b>	<b>\$151,000 00</b>

## INTEREST REQUIREMENTS ON FUNDED DEBT, 1925

Class of Loan	Jan. 1, 1925	April 1, 1925	July 1, 1925	Oct. 1, 1925	Totals
City . . . . .	\$1,440 00	\$1,140 00	\$1,400 00	\$870 00	\$4,850 00
Sewers . . . . .	550 00	2,318 75	495 00	2,142 50	5,506 25
Public Buildings . . . . .	2,677 50	960 00	2,577 50	860 00	7,075 00
Highway . . . . .	325 00	3,115 00	185 00	2,555 00	6,180 00
Bridge . . . . .	.....	437 50	.....	420 00	857 50
Metropolitan Park . . . . .	87 50	.....	87 50	.....	175 00
Schoolhouse . . . . .	5,700 00	10,300 00	5,400 00	9,960 00	31,360 00
City Hall Additions . . . . .	.....	2,927 50	.....	2,927 50	5,855 00
<b>Total</b>	<b>\$10,780 00</b>	<b>\$21,198 75</b>	<b>\$10,145 00</b>	<b>\$19,735 00</b>	<b>\$61,858 75</b>



## MATURITIES ON FUNDED DEBT (SIX YEARS)

Class of Loan	1920	1921	1922	1923	1924	1925	Totals
City	\$79,500 00	\$68,500 00	\$52,500 00	\$41,500 00	\$25,500 00	\$23,000 00	\$290,500 00
Municipal	8,000 00	8,000 00	8,000 00	7,000 00	.....	.....	31,000 00
Sewer	23,000 00	23,000 00	23,000 00	21,000 00	20,000 00	20,000 00	130,000 00
Public Buildings	24,000 00	24,000 00	19,000 00	18,000 00	18,000 00	18,000 00	121,000 00
Highway	68,000 00	64,000 00	60,000 00	46,000 00	46,000 00	35,000 00	319,000 00
Bridge	1,000 00	1,000 00	1,000 00	1,000 00	1,000 00	1,000 00	6,000 00
Metropolitan Park	1,000 00	1,000 00	1,000 00	1,000 00	1,000 00	1,000 00	6,000 00
Water	2,000 00	.....	.....	.....	.....	.....	2,000 00
Extreme Emergency	5,000 00	5,000 00	5,000 00	.....	.....	.....	15,000 00
Schoolhouse	.....	.....	.....	30,000 00	45,000 00	45,000 00	120,000 00
City Hall Additions	.....	.....	.....	.....	8,000 00	8,000 00	16,000 00
Totals	\$211,500 00	\$194,500 00	\$169,500 00	\$165,500 00	\$164,500 00	\$151,000 00	\$1,056,500 00

## INTEREST REQUIREMENTS ON FUNDED DEBT (SIX YEARS)

Class of Loan	1920	1921	1922	1923	1924	1925	Totals
City	\$14,757 50	\$11,767 50	\$9,257 50	\$7,302 50	\$5,850 00	\$4,850 00	\$53,785 00
Municipal	1,395 00	1,035 00	675 00	315 00	.....	.....	3,420 00
Sewer	9,748 75	8,856 25	7,963 75	7,091 25	6,278 75	5,506 25	45,445 00
Public Buildings	11,300 00	10,315 00	9,330 00	8,565 00	7,820 00	7,075 00	54,405 00
Highway	11,457 50	11,345 00	11,050 00	9,800 00	7,880 00	6,180 00	57,712 50
Bridge	1,032 50	997 50	962 50	927 50	892 50	857 50	5,670 00
Metropolitan Park	350 00	315 00	280 00	245 00	210 00	175 00	1,575 00
Water	80 00	.....	.....	.....	.....	.....	80 00
Extreme Emergency	637 50	425 00	212 50	.....	.....	.....	1,275 00
Schoolhouse	.....	.....	6,500 00	28,660 00	33,160 00	31,360 00	99,680 00
City Hall Additions	.....	.....	.....	.....	6,175 00	5,855 00	12,030 00
Totals	\$50,758 75	\$45,056 25	\$46,231 25	\$62,906 25	\$68,266 25	\$61,858 75	\$335,077 50

## BORROWING CAPACITY DECEMBER 31, 1924

Valuation 1922 . . . . .	\$88,158,139 27	
Supplementary . . . . .	8,400 00	
	<hr/>	\$88,166,539 27
Valuation 1923 . . . . .	92,519,400 00	
Supplementary . . . . .	9,000 00	
	<hr/>	\$92,528,400 00
Valuation 1924 . . . . .	99,311,000 00	
Supplementary . . . . .	6,500 00	
	<hr/>	\$99,317,500 00
Total three years . . . . .		\$280,012,439 27
Abatements 1922 . . . . .	\$500,867 00	
Abatements 1923 . . . . .	472,012 00	
Abatements 1924 . . . . .	401,450 00	
	<hr/>	1,374,329 00
		<hr/>
Average valuation for three years . . .		\$278,638,110 27
Two and one-half per cent . . . . .		92,879,370 09
Present debt within limit . . . . .		2,321,984 25
		<hr/>
Borrowing capacity December 31, 1924 .		\$750,984 25
Maturities in 1925:—		
January 1, . . . . .	\$33,000 00	
April 1, . . . . .	71,000 00	
July 1, . . . . .	\$26,000 00	
Less Outside Limit . . . . .	4,000 00	
October 1, . . . . .	<hr/>	22,000 00
		<hr/>
		\$147,000 00
		<hr/>
		\$897,984 25

## ABATEMENTS SPECIAL ASSESSMENTS PRIOR YEARS

Charges:	
Street Sprinkling 1923 . . . . .	\$14 70
Sidewalks 1921 . . . . .	19 82
Betterments 1921 . . . . .	63 00
	<hr/>
	\$97 52
Credit:	
Re-assessment Sidewalk 1921 . . . . .	19 82
Re-assessment Betterment 1921 . . . . .	63 00
Excess and Deficiency . . . . .	14 70
	<hr/>
	\$97 52

## WATER CHARGES 1923 ABATED

Charges:	
Metered . . . . .	\$15 22
Credit:	
Excess and Deficiency . . . . .	\$15 22

## REFUNDS BILLS RECEIVABLE

Charge:	
Maintenance Highway Buildings . . . . .	\$35 00
Credit:	
Excess and Deficiency . . . . .	\$35 00

## STATE INCOME TAXES

Credit:	
Cash from Commonwealth Account 1922 . . . . .	\$3,830 82
Cash from Commonwealth Account 1923 . . . . .	10,536 50
Cash from Commonwealth Account 1924 . . . . .	188,213 22
	<hr/>
	\$202,580 54
Charges:	
Estimate 1924 . . . . .	\$172,813 72
Revenue 1924 . . . . .	29,766 82
	<hr/>
	\$202,580 54

## CORPORATION TAXES

Credits:	
Cash from Commonwealth Account	
Prior Years . . . . .	\$10,680 20
Cash from Commonwealth Account 1924 . . . . .	102,822 81
	<hr/>
	\$113,503 01
Charges:	
Estimate 1924 . . . . .	\$85,000 00
Refund Account 1923 . . . . .	6 00
Revenue 1924 . . . . .	28,497 01
	<hr/>
	\$113,503 01

## NATIONAL BANK TAXES

Charges:	
Estimate 1924 . . . . .	\$3,500 00
Refund Account 1923 . . . . .	1 59
Refund Account 1924 . . . . .	73 10
	<hr/>
	\$3,574 69
Credit:	
Cash from Commonwealth Account	
Prior Years . . . . .	\$383 88
Cash from Commonwealth Account 1924 . . . . .	2,541 37
Revenue 1924 . . . . .	649 44
	<hr/>
	\$3,574 69

## SALE OF LAND

## Credit:

Cash, sale of land Murdock Street . . . . .	\$600 00	
Cash, sale of land Waltham . . . . .	312 00	
Cash, sale of land North Marion Street . . . . .	175 68	
	<hr/>	\$1,087 68

## Charge:

Appropriated for Outlay Purpose . . . . .		350 00
		<hr/>
Balance to 1925 Account . . . . .		\$737 68

## TAX TITLES

## Charges:

Balance from 1923 Account . . . . .	\$1,661 13	
Taxes 1923 . . . . .	246 08	
Taxes 1924 . . . . .	11 31	
	<hr/>	\$1,918 52

## Credits:

Cash, Titles sold . . . . .		515 72
		<hr/>
Balance to 1925 Account . . . . .		\$1,402 80

## REAL ESTATE LIENS

## Charges:

Balance from 1923 Account . . . . .		\$24 73
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## Credit:

Excess and Deficiency . . . . .		\$24 73
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## GRADE CROSSINGS ADVANCES

## Charges:

Balance from 1923 Account . . . . .	\$427 30	
Cash Advance . . . . .	50 00	
	<hr/>	
Balance to 1925 Account . . . . .		\$477 30

## COURT JUDGMENTS

## Charge:

Judgment paid . . . . .		\$1,136 37
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## Credit:

Appropriation Reserve, Surplus Overlay . . . . .		\$1,136 37
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## TAILINGS

## Credit:

Balance from 1923 Account . . . . .		\$291 65
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## PREMIUMS ON BONDS

## Credit:

Balance from 1923 Account . . . . .		\$3,343 50
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## Charge:

Appropriated Reduction of Funded Debt . . . . .		\$3,343 50
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## ACCRUED INTEREST ON BONDS

Credit:		
Balance from 1923 Account . . . . .		\$428 82
Charge:		
Appropriated Interest . . . . .		\$428 82

## SURPLUS WAR BONUS FUND

Credit:		
Cash from Commonwealth . . . . .		\$46,598 06

## REVENUE FROM TAXES, SUPPLEMENTARY WARRANTS

Credits:			
Balance from 1923 Account . . . . .	\$471 28		
Supplementary Warrants, 1923 . . . . .	180 00		
Supplementary Warrants, 1924 . . . . .	528 55		
Abated Polls, Charged to Commonwealth . . . . .	129 00		
			<hr/>
			\$1,308 83
Charges:			
Abatements . . . . .	\$140 92		
Credit Commonwealth Account Polls 1923 . . . . .	90 00		
Collections credited to Revenue 1924 . . . . .	532 36		
			<hr/>
			\$768 28
			<hr/>
Balance to 1925 Account . . . . .			\$545 55

## REDEMPTION OF TAX TITLES

Credit:		
Cash Received . . . . .		\$2,670 25
Charge:		
Cash paid, Titles redeemed . . . . .		\$2,670 25

## OVERLAY ACCOUNTS

## Overlay 1917

Charge:		
Balance from 1923 account . . . . .		\$6 00
Credit:		
Appropriated from Reserve, Surplus Overlay . . . . .		\$6 00

## Overlay 1920

Credit:		
Balance from 1923 account . . . . .	\$257 65	
Adjustment taxes 1920 . . . . .	5 00	
		<hr/>
		\$262 65
Charge:		
Reserve Fund, Surplus from Overlays . . . . .		\$262 65



## Overlay 1921

## Credit:

Balance from 1923 . . . . .	\$97 10	
Adjustment taxes 1921 . . . . .	20 10	
Commonwealth of Massachusetts, abated polls . . . . .	60 00	
	<hr/>	\$177 20

## Charges:

Abatements . . . . .	\$71 10	
Reserve Fund, Surplus from Overlays .	93 66	
	<hr/>	\$164 76
Balance to 1925 account . . . . .		<hr/> \$12 44

## Overlay 1922

## Credit:

Balance from 1923 account . . . . .	\$1,165 68	
Taxes paid after abatement . . . . .	10 00	
Commonwealth of Massachusetts, abated polls . . . . .	507 00	
	<hr/>	\$1,682 68

## Charges:

Abatements . . . . .	\$797 90	
Reserve Fund, Surplus from Overlays	834 18	
	<hr/>	\$1,632 08
Balance to 1925 account . . . . .		<hr/> \$50 60

## Overlay 1923

## Credits:

Balance from 1923 account . . . . .	\$19,645 68	
Taxes paid after abatement . . . . .	31 28	
Commonwealth of Massachusetts, abated polls . . . . .	1,269 00	
	<hr/>	\$20,945 96

## Charges:

Abatements . . . . .	\$8,373 42	
Reserve Fund, Surplus from Overlays	11,787 46	
	<hr/>	20,160 88
Balance to 1925 account . . . . .		<hr/> \$785 08

## Overlay 1924

## Credit:

Taxes 1924 . . . . .	\$27,796 79	
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## Charges:

Abatements . . . . .	12,375 62	
Balance to 1925 account . . . . .	<hr/>	\$15,421 17



**RESERVE FUND, SURPLUS FROM OVERLAYS**

## Credit:

Balance from 1923 account . . . . .	\$8,547 88	
Overlay 1920 . . . . .	262 65	
Overlay 1921 . . . . .	93 66	
Overlay 1922 . . . . .	834 18	
Overlay 1923 . . . . .	11,787 46	
	<hr/>	\$21,525 83

## Charges:

Appropriated to Overlay 1917 . . . . .	\$6 00	
Appropriated to Court Judgment . . . . .	1,136 37	
Appropriated to General Appropriations . . . . .	6,000 00	
	<hr/>	7,142 37
Balance to 1925 account . . . . .		<hr/> \$14,383 46

**EXCESS AND DEFICIENCY**

## Credit:

Balance from 1923 account . . . . .	\$90,449 86	
Refunds 1923 accounts . . . . .	595 01	
Revenue Excess 1924 . . . . .	41,292 11	
	<hr/>	\$132,336 98

## Charges:

General Appropriations . . . . .	\$16,500 00	
Outlay Appropriations . . . . .	57,500 00	
Special Assessment 1923 Apportioned . . . . .	364 50	
Adjustment Accounts Receivable . . . . .	41 00	
Abatements Special Assessments Prior Years . . . . .	14 70	
Water Charges 1923, Abated or Re-funded . . . . .	15 22	
Real Estate Liens . . . . .	24 73	
	<hr/>	74,460 15
Balance to 1925 account . . . . .		<hr/> \$57,876 83

## CLASSIFICATION OF RECEIPTS AND EXPENDITURES

## Receipts

## General Revenue:

## Taxes:—

Taxes 1924 . . . . .	\$2,471,789 39
Taxes 1923 . . . . .	580,835 02
Taxes 1922 . . . . .	405 34
Taxes 1921 . . . . .	33 66
Taxes 1920 . . . . .	262 65

## From State:—

Corporations, Prior Years . . . . .	10,680 20
Corporations, 1924 . . . . .	102,822 81
National Bank, Prior Years . . . . .	383 88
National Bank, 1924 . . . . .	2,541 37
Street Railway 1924 . . . . .	16,202 84
Income, 1922 and Prior Years . . . . .	3,830 82
Income, 1923 . . . . .	10,536 50
Income, 1924 . . . . .	188,213 22
Excise Tax, Ship Owners . . . . .	24 35

## Licenses and Permits:

## Licenses:—

Dealers in Motor Vehicles . . . . .	975 00
Amusements . . . . .	1,233 00
Junk . . . . .	705 00
Milk . . . . .	426 00
Pool, Billiards and Bowling . . . . .	324 00
Sunday . . . . .	1,248 50
Innholders and Victuallers . . . . .	144 00
Pedlers . . . . .	1,240 00
All other . . . . .	1,332 28

## Permits:—

Marriage . . . . .	1,284 00
Buildings . . . . .	3,222 50
Electrical . . . . .	3,925 50
All other . . . . .	1,356 50

## Fines and Forfeits:

Court Fines . . . . .	14,400 74
Departmental Penalties . . . . .	1,010 49
Tax Titles Sold to Individuals . . . . .	428 67

## Grants and Gifts:

## From State:—

Vocational School . . . . .	13,615 67
Continuation School . . . . .	5,795 30
Smith-Hughes Fund . . . . .	2,802 51
Americanization . . . . .	3,861 53

## From County:—

Dog Licenses . . . . .	2,145 27
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## Miscellaneous:—

Somerville Visiting Nurses Assoc. . . . .	500 00
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**All Other General Revenue:**

Sale of Land . . . . .	1,087 68
State, in lieu of Taxes . . . . .	86 99
Tailings . . . . .	28 98
Conscience Fund . . . . .	40 00
Miscellaneous . . . . .	6 00

Total General Revenue . . . . .	<u>\$3,451,738 16</u>
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**Commercial Revenue—Special Assessments,****For Expenses:—**

Street Sprinkling 1924 . . . . .	\$38,541 24
Street Sprinkling 1923 . . . . .	7,883 22

**For Outlays:—**

Sewers 1924 . . . . .	1,759 75
Sewers 1923 . . . . .	1,506 30
Sidewalks 1924 . . . . .	2,099 49
Sidewalks 1923 . . . . .	2,483 86
Sidewalks 1921 . . . . .	19 82
Street Betterment 1924 . . . . .	9,010 00
Street Betterment 1923 . . . . .	11,060 81
Street Betterment 1921 . . . . .	63 00
Apportioned Street Betterments . . . . .	62 35

Total Commercial Revenue—Special Assessments . . . . .	<u>\$74,489 84</u>
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**Commercial Revenue—Departmental****General Government**

Treasurer . . . . .	\$914 00
Collector . . . . .	4,953 52
Assessors . . . . .	1 50
City Clerk . . . . .	1,909 06
Engineering . . . . .	1 45
Commissioner of Buildings . . . . .	250 00
City Messenger . . . . .	625 00

**Protection of Persons and Property****Police:—**

Rent of Court Room . . . . .	1,687 50
Miscellaneous . . . . .	234 76

**Fire:—**

Sale of old materials . . . . .	740 00
Sealer of Weights and Measures . . . . .	701 63
Electrical Department . . . . .	103 40

**Health and Sanitation**

Contagious Hospital . . . . .	8,726 75
Health Department . . . . .	787 93
Inspection . . . . .	2,044 00

**Sanitary:—**

Collection Ashes and Waste . . . . .	2,856 80
Incinerator . . . . .	300 00
Sanitary Buildings . . . . .	639 14

**Highways**

Labor and Materials . . . . .	23,433 86
Sidewalks Maintenance . . . . .	64 45
Sidewalk Construction . . . . .	363 63
Street Sprinkling . . . . .	59 04
Rent of Tenements . . . . .	230 00

**Charities****Almhouse:—**

Sale of Produce, etc. . . . .	2,632 46
Board . . . . .	4,187 22

**Outside Relief:—**

Individuals . . . . .	70 00
Cities and Towns . . . . .	3,584 35
State . . . . .	13,685 01

**Mothers' Aid:—**

Cities and Towns . . . . .	1,528 76
State . . . . .	18,286 53

**Soldiers' Benefits**

State Aid . . . . .	7,297 00
Military Aid . . . . .	1,452 50
Soldiers' Burials . . . . .	111 67

**Education**

Tuition State Wards . . . . .	2,727 98
Other Tuition . . . . .	8,984 12
School Department, Miscellaneous . . . . .	47 72
Rent of High School Hall . . . . .	245 00
School Buildings . . . . .	888 66
Miscellaneous . . . . .	8 16

**Libraries**

Fines, Lost Books, etc. . . . .	2,130 83
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**Recreation**

Shower Baths . . . . .	405 80
Bathhouse . . . . .	635 25

**Unclassified**

State, Surplus War Bonus Fund . . . . .	46,598 06
Electrolysis . . . . .	500 00
Tax Titles Fees . . . . .	87 05

Total Commercial Revenue—De-  
partmental . . . . .

\$167,721 55

**Commercial Revenue—Public Service Enterprises****Water Department****Sale of Water:—**

Metered 1924 . . . . .	\$232,064 73
Metered 1923 . . . . .	35,208 83
Annual . . . . .	18,357 75
Additional . . . . .	916 98
Service Assessments . . . . .	8,559 72
Maintenance Bills . . . . .	10,694 44

Total Commercial Revenue—  
Public Service Enterprises . . . . .

\$305,802 45

**Commercial Revenue—Interest**

Deposits, City Treasurer . . . . .	\$10,532 32
Deposits, City Clerk . . . . .	19 40
Taxes . . . . .	16,227 45
Special Assessments . . . . .	264 77
Apportioned Assessments . . . . .	17 82
From State, Account Grade Crossings .	2,586 28
Real Estate Liens . . . . .	37 49
Miscellaneous . . . . .	4 51
Trust Funds:—	
School . . . . .	228 00
Library . . . . .	854 32
Poor . . . . .	75 05

Total Commercial Revenue—Interest . . . . .	\$30,847 41
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**Municipal Indebtedness**

Temporary Loans:—		
Anticipation of Revenue . . . . .	\$1,950,000 00	
Total Municipal Indebtedness		\$1,950,000 00

**Agency, Trust and Investment**

Agency:—		
Redemption of Tax Titles . . . . .	\$2,670 25	
Liquor Licenses for State . . . . .	6 00	
Trust and Investment:—		
Hunt Art Fund . . . . .	1,000 00	
Total Agency, Trust and Investment . . . . .		\$3,676 25

**Refunds**

General Appropriations . . . . .	\$1,058 62	
General Appropriations, Account Prior Years . . . . .	589 01	
Outlay Appropriations . . . . .	44,294 32	
Soldiers' Benefits . . . . .	457 00	
Commonwealth:—		
Poll Taxes 1921 . . . . .	60 00	
Poll Taxes 1922 . . . . .	507 00	
Poll Taxes 1923 . . . . .	1,398 00	
Total Refunds . . . . .		\$48,363 95
Total Receipts . . . . .		\$6,032,689 61

## EXPENDITURES

## General Government

		Expenses	Outlays
<b>Board of Aldermen Expenses</b>			
Books, postage and supplies .	96 36		
Printing and advertising .	258 00		
Refreshments . . . .	790 30		
Badges . . . . .	88 20		
Special Items:—			
Gavels . . . . .	15 44		
Stenographic service .	52 72		
	<hr/>	1,801 02	
<b>Clerk of Committees Department</b>			
Salaries and Wages:—			
Clerk . . . . .	2,200 00		
Assistant Clerk . . .	800 00		
Other Expenses:—			
Books, postage and supplies . . . . .	80 21		
Printing and advertising .	6 00		
Telephone . . . . .	69 48		
	<hr/>	3,155 69	
<b>Executive Department</b>			
Salaries and Wages:—			
Mayor . . . . .	4,980 87		
Secretary . . . . .	1,650 00		
Clerks . . . . .	1,216 67		
Other Expenses:—			
Auto Maintenance . . .	400 00		
Books, postage and supplies . . . . .	195 79		
Printing and advertising .	147 00		
Telephone . . . . .	184 68		
Inauguration Expenses .	79 00		
Contingent Expenses .	357 99		
All other . . . . .	10 95		
Special Item:—			
Typewriter . . . . .	25 00		
	<hr/>	9,247 95	
<b>Auditing Department</b>			
Salaries and Wages:—			
Auditor . . . . .	3,500 00		
Clerks . . . . .	2,253 58		
Other Expenses:—			
Books, postage and supplies . . . . .	240 02		
Printing and advertising .	632 12		
Telephone . . . . .	68 00		
Binding . . . . .	52 00		
All other . . . . .	16 97		
	<hr/>	6,762 69	



## Expenses

## Outlays

**Treasury Department**

## Salaries and Wages:—

Treasurer and Collector	4,000 00
Deputy Collector . . .	2,200 00
Cashiers . . . . .	2,772 29
Clerks . . . . .	10,118 05
Tax Investigator . . .	215 00

## Other Expenses:—

Books, postage and supplies . . . . .	3,220 66
Printing and advertising	906 00
Telephone . . . . .	155 68
Bonds . . . . .	285 00
Car Fares . . . . .	13 40
All other . . . . .	126 45

## Special Items:—

Adding Machine . . .	330 26
Check Writer . . . .	39 20
Insurance . . . . .	323 16
Convention Expenses .	34 90

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 24,740 05
**Assessors' Department**

## Salaries and Wages:—

Chairman . . . . .	3,000 00
Assessors . . . . .	5,200 00
Assistant Assessors .	1,650 00
Clerks (Office) . . .	8,065 67
Clerks (Street) . . .	550 00

## Other Expenses:—

Books, postage and supplies . . . . .	990 82
Printing and advertising	4,287 92
Carfares, Disbursements, etc . . . . .	34 47
Telephones . . . . .	53 88
All other . . . . .	35 24

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 23,868 00
**Licensing Commission**

## Salaries and Wages:—

Commissioners . . . .	900 00
Secretary . . . . .	300 00
Inspector . . . . .	200 00
Clerk . . . . .	784 59
Assistant . . . . .	240 00

## Other Expenses:—

Books, postage and supplies . . . . .	145 63
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 2,570 22
**Pedlers' License Commission**

## Books, postage and supplies . . . . .

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 24 00

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 24 00

		Expenses	Outlays
<b>Certification of Notes and Bonds</b>			
Certifying . . . . .	150 00		
	<hr/>	150 00	
<b>City Clerk's Department</b>			
Salaries and Wages:—			
City Clerk . . . . .	3,800 00		
Assistant City Clerk . . . . .	2,200 00		
Clerks . . . . .	4,130 74		
Other Expenses:—			
Books, postage and supplies . . . . .	708 17		
Printing and advertising . . . . .	214 61		
Binding . . . . .	61 50		
Telephone . . . . .	157 28		
All other . . . . .	82 75		
	<hr/>	11,355 05	
<b>Registration of City Laborers</b>			
Salaries and Wages:—			
Registration Clerk . . . . .	450 00		
Other Expenses:—			
Stationery and postage . . . . .	29 59		
	<hr/>	479 59	
<b>Law Department</b>			
Salaries and Wages:—			
City Solicitor . . . . .	2,800 01		
Asst. City Solicitor . . . . .	1,000 00		
Other Expenses:—			
Books, postage and supplies . . . . .	40 00		
Printing and advertising . . . . .	3 75		
Recording . . . . .	38 47		
Clerical Hire . . . . .	163 50		
Telephone . . . . .	30 00		
Service Fees . . . . .	33 85		
All other . . . . .	2 10		
	<hr/>	4,111 68	
<b>City Messenger's Department</b>			
Salaries and Wages:—			
Messenger . . . . .	2,399 99		
Other Expenses:—			
Stationery and postage . . . . .	6 00		
Auto Maintenance . . . . .	541 35		
Telephone . . . . .	22 41		
Carfares . . . . .	19 00		
All other . . . . .	19 28		
	<hr/>	3,008 03	
<b>Engineering Department</b>			
Salaries and Wages:—			
City Engineer . . . . .	4,000 00		
Assistants . . . . .	6,816 26		
Clerks . . . . .	1,100 50		
	<hr/>		
Carried forward . . . . .	11,916 76		

		Expenses	Outlays
Brought forward . . .	11,916 76		
Other Expenses:—			
Supplies, printing, postage . . . . .	144 98		
Telephone . . . . .	102 81		
Auto Maintenance . . . . .	768 60		
Instruments and equipment . . . . .	24 92		
Carfares . . . . .	209 56		
All other . . . . .	6 60		
	<hr/>	13,174 23	

**Public Buildings Department, Commissioner of Public Buildings**

Salaries and Wages:—			
Commissioner . . . . .	3,300 00		
Inspector of Plumbing . . . . .	2,100 00		
Clerks . . . . .	2,376 07		
Other Expenses:—			
Books, postage and supplies . . . . .	355 95		
Printing and advertising . . . . .	106 12		
Telephone . . . . .	182 70		
Auto Maintenance . . . . .	625 00		
All other . . . . .	56 92		
Special Item:—			
Razing Buildings . . . . .	250 00		
	<hr/>	9,352 76	

**Public Buildings Department, Maintenance Municipal Buildings**

Salaries and Wages:—			
Janitor . . . . .	5,561 73		
Labor . . . . .	1,966 13		
Other Expenses:—			
Fuel and Light . . . . .	1,139 88		
Furniture and furnishings . . . . .	3,115 67		
Janitor supplies . . . . .	442 77		
Repairs to buildings . . . . .	100 97		
Heating apparatus and equipment . . . . .	13 82		
Plumbing and supplies . . . . .	115 95		
Hardware and materials . . . . .	200 42		
Ice . . . . .	159 52		
All other . . . . .	243 90		
Special Items:—			
Moving Safes . . . . .	532 25		
Rent Safes . . . . .	21 00		
Filing Case . . . . .	67 25		
Flags . . . . .	137 50		
Waxing Floors . . . . .	166 40		
	<hr/>	13,985 16	

		Expenses	Outlays
<b>City Hall Additions</b>			
Construction Contract . . . . .	107,750	10	
Architect Contract . . . . .	5,434	98	
Electrical Contract . . . . .	2,575	15	
Electrical Fixtures . . . . .	2,342	00	
Heating and Ventilating Contract . . . . .	3,825	65	
Plumbing Contract . . . . .	5,244	25	
Furniture and Furnishings . . . . .	6,697	35	
Equipment and Supplies . . . . .	6,304	12	
Counters . . . . .	9,638	50	
Insurance . . . . .	687	09	
Tower Clock . . . . .	925	00	
Relocating Telegraph Boxes . . . . .	209	75	
Vault Doors and Equipment . . . . .	2,318	74	
Grading Grounds . . . . .	4,979	20	
Miscellaneous Labor . . . . .	467	54	
Driveway and Walks . . . . .	2,033	37	
Tile . . . . .	1,221	66	
Wall . . . . .	563	67	
All other . . . . .	483	83	
			163,701 95

**City Planning Board**

Printing . . . . .	341	92	
Other supplies . . . . .	58	75	
Catering . . . . .	106	00	
			506 67

**Election Expenses, City Clerk**

<b>Salaries and Wages:—</b>			
Clerks . . . . .	600	00	
<b>Other Expenses:—</b>			
Equipment, supplies, stationery and postage . . . . .	321	64	
Printing and advertising . . . . .	658	16	
Carfares and auto hire . . . . .	466	50	
Refreshments . . . . .	73	10	
Repairs ballot boxes . . . . .	30	00	
All other . . . . .	43	71	
<b>Special Items:—</b>			
Mailing cards . . . . .	353	03	
Telegraph Loop . . . . .	34	50	
New ballot boxes . . . . .	350	00	
			2,930 64

**Election Expenses, Registrars of Voters**

<b>Salaries and Wages:—</b>			
Registrars . . . . .	1,510	00	
Clerks . . . . .	2,435	75	
Carried forward . . . . .	3,945	75	

	Expenses	Outlays
Brought forward	3,945 75	
Other Expenses:—		
Stationery and postage and supplies	143 92	
Printing and advertising	1,672 74	
Refreshments	38 80	
Car hire	99 00	
Registers	129 68	
Posting	80 79	
	<hr/>	
	6,110 68	

#### Election Expenses, Pay of Election Officers

Salaries and Wages:—		
Wardens	828 00	
Inspectors	3,115 00	
Clerks	828 00	
	<hr/>	
	4,771 00	

#### Public Buildings Department, Maintenance Polling Places

Labor	269 85	
Teaming	167 10	
Lumber	268 08	
Hardware and materials	191 36	
Fuel and Light	18 69	
Rent Halls	70 00	
Repairs buildings	42 53	
All other	91 86	
Special Item:—		
Constructing drain and manhole	488 50	
	<hr/>	
	1,607 97	

#### Police Department

Salaries and Wages:—		
Chief	3,300 00	
Captains and Lieutenants	15,250 00	
Sergeants and Inspectors	13,500 00	
Patrolmen	173,127 32	
Special police	2,197 86	
Matrons	1,092 45	
Other employees	7,226 72	
Equipment and Repairs:—		
Motorcycle and auto maintenance	1,552 31	
New Equipment	50 13	
Equipment for men	329 89	
Other Expenses:—		
Books, printing, postage and supplies	571 96	
Care of prisoners	241 48	
Telephone	422 24	
	<hr/>	
Carried forward	218,862 36	

		Expenses	Outlays
Brought forward . . .	218,862 36		
Laundry . . . . .	71 56		
Travel and disbursements . . . . .	268 66		
Reimbursements for injuries, etc. . . . .	362 45		
Bedding . . . . .	112 34		
Convention expenses . . . . .	90 00		
All other . . . . .	7 77		
Special Items:—			
Secret Service . . . . .	230 50		
Motorcycles . . . . .	491 00		
Typewriter . . . . .	182 50		
	<hr/>	220,679 14	
<b>Public Buildings Department, Maintenance Police Buildings</b>			
Salaries and Wages:—			
Janitors . . . . .	2,168 58		
Labor . . . . .	203 97		
Maintenance of Buildings:—			
Fuel and light . . . . .	1,951 88		
Janitors' supplies . . . . .	72 48		
Furniture and furnishings . . . . .	340 23		
Repairs to buildings . . . . .	38 81		
Heating apparatus and equipment . . . . .	78 17		
Plumbing and supplies . . . . .	40 88		
Hardware and materials . . . . .	88 66		
Ice . . . . .	45 90		
All other . . . . .	46 60		
	<hr/>	5,076 16	
<b>Fire Department</b>			
Salaries and Wages:—			
Chief Engineer . . . . .	3,300 00		
Assistant Engineer . . . . .	2,750 00		
Firemen . . . . .	237,826 15		
Equipment and Repairs:—			
Apparatus and equipment . . . . .	6,438 55		
Hose . . . . .	907 55		
Equipment for men . . . . .	4 85		
Power . . . . .	9 20		
Hardware, tools, etc. . . . .	148 10		
All other . . . . .	22 52		
Other Expenses:—			
Books, printing, postage and supplies . . . . .	148 92		
Telephone . . . . .	682 13		
Janitors' supplies . . . . .	340 13		
Furnishings . . . . .	48 52		
Laundry work . . . . .	468 74		
Ice . . . . .	68 65		
Reimbursements . . . . .	18 72		
All other . . . . .	71 26		
	<hr/>		
Carried forward . . . . .	253,253 99		



		Expenses	Outlays
Brought forward . . .	253,253 99		
Supplies:—			
Grease and oil . . .	315 85		
Gasoline . . .	988 86		
Soda and acid . . .	325 17		
All other . . .	44 46		
	<hr/>	254,928 33	
Fire Department, Addi- tional Apparatus:—			
Apparatus . . .	9,431 12		
	<hr/>		9,431 12
Public Buildings Department, Maintenance Fire Buildings			
Salaries and Wages:—			
Labor . . .	1,562 65		
Other Expenses:—			
Fuel and light . . .	7,154 29		
Furniture and furnish- ings . . .	226 80		
Repairs to buildings . . .	232 43		
Heating apparatus and other equipment . . .	339 61		
Plumbing supplies . . .	246 78		
Hardware and materials . . .	271 06		
All other . . .	81 95		
Special Item:—			
Installing electricity, Union Square station . . .	112 19		
	<hr/>	10,227 76	
Weights and Measures			
Salaries and Wages:—			
Sealer . . .	2,100 00		
Assistant . . .	1,381 60		
Miscellaneous Labor . . .	8 00		
Other Expenses:—			
Books, stationery and postage . . .	49 58		
Printing and advertising . . .	40 90		
Equipment and supplies . . .	54 86		
Telephone . . .	37 25		
Auto maintenance . . .	281 53		
Special Item:—			
Repainting car . . .	40 00		
	<hr/>	3,993 72	
Electrical Department			
Salaries and Wages:—			
Commissioner . . .	2,800 00		
Clerk . . .	944 76		
Labor . . .	13,138 12		
Other Expenses:—			
Fire Alarm System . . .	1,613 65		
Police Signal System . . .	296 18		
Auto maintenance . . .	669 31		
	<hr/>		
Carried forward . . .	19,462 02		

		Expenses	Outlays
Brought forward . . . . .	19,462 02		
Telephone . . . . .	144 13		
Books, printing, postage and supplies . . . . .	189 93		
All other . . . . .	90 19		
Special Item:—			
Inspection . . . . .	852 60		
	<hr/>	20,738 87	

**Public Buildings Department, Maintenance**  
**Electrical Department Buildings**

Janitor . . . . .	1,217 93		
Fuel . . . . .	653 82		
Light . . . . .	45 24		
All other . . . . .	50		
	<hr/>	1,917 49	

**Underground Construction**

Cable and Wires . . . . .	1,531 60		
Posts . . . . .	903 45		
Express . . . . .	9 00		
	<hr/>	2,444 05	

**Highways, Suppression of Moths**

Labor . . . . .	4,187 23		
Books, printing postage . . . . .	12 50		
Hired teams and trucks . . . . .	419 07		
Hardware, tools and equip- ment . . . . .	12 22		
Insecticides . . . . .	275 99		
Other materials and sup- plies . . . . .	43 34		
Gasoline . . . . .	48 24		
	<hr/>	4,998 59	

**Highway Department, Care of Trees**

Printing, Stationery and Postage . . . . .	3 25		
Labor . . . . .	4,884 04		
Teams and trucks . . . . .	844 01		
Equipment and tools . . . . .	140 65		
Lumber and materials . . . . .	153 42		
Use of steam roller . . . . .	24 50		
All other . . . . .	10 29		
	<hr/>	6,060 16	

**HEALTH AND SANITATION**

**Health Department**

**General Administration:—**

Agent . . . . .	1,750 00		
Clerks . . . . .	3,199 00		
Medical Inspector and Bacteriologist . . . . .	2,780 00		
	<hr/>	7,729 00	
Carried forward . . . . .			

		Expenses	Outlays
Brought forward . . . . .	7,729 00		
Health Nurses . . . . .	3,825 00		
Books, printing and postage . . . . .	334 21		
Carfares, etc. . . . .	325 56		
Telephone . . . . .	302 43		
Quarantine and Contagious Diseases:—			
Cities and Towns . . . . .	2,049 79		
State . . . . .	166 03		
Other Institutions . . . . .	360 50		
Tuberculosis:—			
Board and Treatment			
Cities and Towns . . . . .	2,531 36		
State . . . . .	4,272 93		
Other Institutions . . . . .	35 00		
Groceries and Provisions	707 97		
Other Expenses:—			
Equipment and supplies	18 89		
Auto ambulance maintenance . . . . .	524 37		
Burying dead animals . . . . .	112 50		
All other . . . . .	15 79		
Ice . . . . .	74 50		
Special Item:—			
Typewriter . . . . .	77 00		
		23,462 83	

#### City Clerk's Department, Vital Statistics

Canvassing and reporting		
births . . . . .	757 30	
Reporting deaths . . . . .	120 75	
Postage and supplies . . . . .	5 00	
All other . . . . .	35	
		883 40

#### Contagious Hospital

Salaries and Wages:—		
Matron . . . . .	1,083 34	
Nurses and other help	9,853 40	
Other Expenses:—		
Drugs and medicines . . . . .	118 68	
Bedding, dry goods and clothing . . . . .	635 62	
Groceries and provisions	5,880 64	
Equipment and supplies	1,613 20	
Telephone . . . . .	74 18	
Electrical power . . . . .	122 91	
All other . . . . .	39 11	
		19,421 03

#### Public Buildings Department, Maintenance Contagious Hospital

Salaries and Wages:—		
Janitor and Labor . . . . .	1,061 60	
Carried forward . . . . .	1,061 60	

		Expenses	Outlays
Brought forward . . .	1,061 60		
Other Expenses:—			
Fuel . . . . .	1,435 20		
Light . . . . .	473 29		
Janitors' supplies . . .	4 00		
Furniture and furnish- ings . . . . .	40 51		
Repairs to buildings . .	41 87		
Heating apparatus and equipment . . . . .	153 65		
Plumbing and supplies . .	128 77		
Hardware and materials .	103 66		
All other . . . . .	12 40		
Special Item:—			
Insurance . . . . .	215 00		
	<hr/>	3,669 95	
Inspection of Animals and Provisions			
Salaries and Wages:—			
Inspector . . . . .	2,300 00		
Other Expenses:—			
Telephone . . . . .	32 40		
Auto maintenance . . .	150 00		
	<hr/>	2,482 40	
Inspection of Milk and Vinegar			
Salaries and Wages:—			
Inspector . . . . .	2,750 00		
Milk Collector . . . . .	1,750 00		
Other Expenses:—			
Books, printing and postage . . . . .	83 64		
Auto maintenance . . .	600 00		
Equipment and supplies .	179 56		
All other . . . . .	8 52		
Special Item:—			
New machinery and equipment . . . . .	282 97		
	<hr/>	5,654 69	
Inspection of School Children			
Salaries and Wages:—			
Inspectors . . . . .	1,600 00		
Other Expenses:—			
Books, printing, postage and supplies . . . . .	18 75		
Carfares . . . . .	109 72		
	<hr/>	1,728 47	
School Nurses' Salaries			
Salaries and Wages:—			
Nurses . . . . .	2,550 00		
	<hr/>	2,550 00	

## Expenses

## Outlays

**Sewers Construction**

## Salaries and Wages:—

Labor . . . . .	1,450 26
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## Other Expenses:—

Teaming . . . . .	374 39
Pipe and fittings . . . . .	801 33
Brick and cement . . . . .	1,611 18
Castings . . . . .	923 94
Other Materials . . . . .	11 65
Contract Work . . . . .	2,401 25
All other . . . . .	280 95

7,854 95

**Engineering Department, Sewers  
Maintenance**

## Salaries and Wages:—

Inspector . . . . .	938 48
Labor . . . . .	12,041 44

## Other Expenses:—

Teaming . . . . .	10,799 22
Tools and equipment . . . . .	215 97
Other materials and supplies . . . . .	130 52
Care of Medford Street Pump . . . . .	284 55
Telephone . . . . .	66 92
Power . . . . .	9 69
All other . . . . .	1 00

24,487 79

**Public Buildings Department, Maintenance  
Sewer Buildings**

## Salaries and Wages:—

Labor . . . . .	10 36
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## Other Expenses:—

Fuel . . . . .	86 50
Light . . . . .	97 68
Lumber and materials . . . . .	2 75
Repairs to building . . . . .	32 37
All other . . . . .	12 50

242 16

**Sanitary Department**

## General Administration:—

Superintendent . . . . .	2,400 00
Bookkeeper . . . . .	300 00
Printing and stationery . . . . .	64 75
Telephone . . . . .	54 82
Auto maintenance . . . . .	600 43
All other . . . . .	12 00

## Ashes, Rubbish and Garbage:—

Labor . . . . .	73,122 27
Hired teams and trucks . . . . .	70,656 93
Equipment and repairs . . . . .	206 25
Rent of dump . . . . .	1,570 00
Materials and supplies . . . . .	48 86
Contract work . . . . .	33,450 00

Carried forward . . . . .	182,486 31
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		Expenses	Outlays
Brought forward	182,486 31		
Stable Expenses:—			
Shoeing	317 55		
Veterinary and medicine	13 00		
Stable equipment	36 25		
Board of horses	1,208 25		
Horses	79 50		
All other	35		
	<hr/>	184,141 21	

**Public Buildings Department, Maintenance  
Sanitary Buildings**

Labor	34 44	
Fuel	77 00	
Light	232 32	
Lumber and Materials	168 87	
Plumbing and supplies	7 53	
Repairs to Buildings	450 00	
	<hr/>	970 16

**Highways, Street Cleaning**

Labor	17,418 66	
Hired Teams and trucks	2,941 41	
Equipment	291 70	
Sweeper Maintenance	2,378 36	
Supplies	69 51	
Special Item:—		
Auto Sweeper	7,500 00	
	<hr/>	30,599 64

**Highway Maintenance**

General Administration:—		
Superintendent	3,300 00	
Bookkeeper and Clerk	3,099 00	
Books, printing, postage and supplies	234 45	
Telephone	229 18	
Maintenance Superin- tendent's Auto	61 64	
All other	9 90	
General:—		
Labor	63,373 76	
Trucks	16 50	
Tools, equipment and repairs	455 49	
Autos and supplies	3,755 64	
Broken stone, gravel, etc.	5,449 76	
Edgestones, bricks and cement	1,754 56	
Lumber	357 77	
Tarvia and road oil	5,623 34	
Fuel	359 22	
Oil and waste	655 59	
	<hr/>	
Carried forward	88,735 80	



		Expenses	Outlays
Brought forward . . .	88,735 80		
Steam rollers . . .	127 09		
Hardware, paint and varnish . . .	1,185 19		
Other materials and sup- plies . . .	471 19		
Hay, grain and straw . . .	7,522 83		
Shoeing . . .	200 68		
Veterinary and medicine . . .	116 75		
Harnesses and horse clothing . . .	340 63		
All other . . .	17 32		
Other Expenses:—			
Signs . . .	197 14		
All other . . .	10 50		
Special Items:—			
Taxes, City of Waltham . . .	280 00		
Superintendent's auto . . .	1,140 00		
Repairs to fence . . .	1,480 14		
Paving . . .	306 16		
Fords . . .	1,328 00		
Snow Plow . . .	284 20		
	<hr/>		
	103,743 62		
Less service transfers for teaming, use of rollers and horses . . .	12,310 33		
	<hr/>	91,433 29	

## Highway Construction, New Streets

Labor . . .	2,376 14	
Hired Teams and trucks . . .	261 05	
Use of roller . . .	52 50	
Contracts . . .	19,802 96	
Tarvia . . .	4,182 72	
Advertising, Recording, etc. . .	128 65	
Edgestones and circles . . .	7,428 35	
Crushed stone . . .	1,629 93	
Mixer . . .	30 00	
Other materials . . .	385 51	
	<hr/>	36,277 81

## Highways Construction, Permanent Pavement

Labor . . .	346 83	
Contracts . . .	47,652 85	
Crushed stone, brick and cement . . .	100 64	
Paving blocks . . .	1,342 20	
Other materials . . .	22 83	
Hired teams and trucks . . .	63 73	
Use of mixer and roller . . .	17 00	
All other . . .	53 50	
Special Item:—		
Relocating hydrants . . .	335 28	
	<hr/>	49,934 86

	Expenses	Outlays
<b>Highway, Reconstruction and Resurfacing</b>		
Labor . . . . .	4,781 90	
Hired teams and trucks . . . . .	639 11	
Use of roller . . . . .	863 00	
Tools and equipment . . . . .	507 60	
Road Binders . . . . .	9,543 12	
Brick, stone and cement . . . . .	8,842 47	
Other materials . . . . .	47 78	
Asphalt . . . . .	1,247 73	
		26,472 71
<b>Sidewalks Construction</b>		
Labor . . . . .	5,136 08	
Hired teams and trucks . . . . .	733 79	
Stone, brick and cement . . . . .	1,800 69	
Edgestone . . . . .	88 56	
Mixer . . . . .	163 69	
Other Materials . . . . .	819 26	
Equipment . . . . .	172 37	
Recording . . . . .	10 90	
Setting edgestone . . . . .	899 84	
		9,825 18
<b>Sidewalks Maintenance</b>		
Labor . . . . .	6,311 99	
Hired teams and trucks . . . . .	1,174 41	
Use of mixer . . . . .	4 50	
Stone, brick and cement . . . . .	1,469 27	
Other materials and supplies . . . . .	624 56	
Equipment . . . . .	15 00	
		9,599 73
<b>Street Sprinkling</b>		
Labor . . . . .	6,756 90	
Hired teams and trucks . . . . .	2,800 77	
Equipment and repairs . . . . .	339 63	
Oil and other dust layers . . . . .	17,006 65	
Maintenance water posts and hydrants . . . . .	567 14	
Use of car sprinkler . . . . .	6,206 67	
Gravel . . . . .	6,825 31	
Hardware and materials . . . . .	21 00	
All other . . . . .	134 98	
Special Item:—		
Erecting tank . . . . .	250 00	
		40,909 05
<b>Street Lighting</b>		
Contract:—		
Electricity . . . . .	70,543 74	
Spot Lights . . . . .	49 84	
Memorial tablets . . . . .	74 24	
		70,667 82

## Expenses

## Outlays

Public Buildings Department, Maintenance  
Highway Buildings

Labor . . . . .	74 98
Fuel . . . . .	1,050 29
Light . . . . .	253 21
Hardware and materials . . . . .	4 37
Lumber . . . . .	75 00
Plumbing supplies . . . . .	83 88
Furniture and furnishings . . . . .	6 54
Repairs to buildings . . . . .	202 81
Heating apparatus and equipment . . . . .	698 84
All other . . . . .	2 50

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2,452 42

## Welfare Department, Miscellaneous

## General Administration:—

Agent . . . . .	2,400 00
Clerks . . . . .	2,312 01
Books, printing, postage and supplies . . . . .	117 93
Telephone . . . . .	111 13
Conference Expenses . . . . .	118 92
All other . . . . .	5 50

## Outside Relief:—

City Physician . . . . .	2,300 00
Acting City Physician . . . . .	87 96
Auto maintenance . . . . .	150 00
Board and care . . . . .	1,294 49
Cash . . . . .	24,599 93
Cash Allowance . . . . .	993 02
Groceries and provisions . . . . .	1,522 00
Coal and wood . . . . .	8 25
Medicine and medical attendance . . . . .	173 84
Nursing . . . . .	44 00
Dry goods and clothing . . . . .	40 01
State Institutions . . . . .	4,359 07
Other Institutions . . . . .	66 43
Somerville Hospital . . . . .	8,732 15
Burials . . . . .	443 00

## Relief by other Cities or Towns:—

Cities . . . . .	9,970 70
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## Mothers' Aid:—

By City . . . . .	34,926 00
Other Cities or Towns . . . . .	4,604 79
Taxi and ambulance hire . . . . .	188 00

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99,569 13

## Welfare Department, City Home

## Salaries and Wages:—

Warden and Matron . . . . .	2,400 00
Bookkeeper . . . . .	150 00
Domestic labor . . . . .	2,822 53
Farm labor . . . . .	2,965 40

Carried forward . . . . .	8,337 93
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		Expenses	Outlays.
Brought forward . . . .	8,337 93		
Other Expenses:—			
Auto maintenance . . . .	73 35		
Groceries and provisions . .	3,955 39		
Clothing . . . . .	266 26		
Medicine and hospital goods . .	102 22		
Household furnishing and supplies . .	220 46		
Farm equipment and supplies . .	340 72		
Live stock and care . . . .	194 00		
Hay, grain and feed . . . .	845 56		
Horse shoeing . . . . .	42 35		
Harnesses and horse clothing . .	3 90		
Seeds and fertilizer . . . .	106 03		
Books, printing, stationery, postage . . . .	11 05		
Telephone . . . . .	64 26		
Power . . . . .	49 06		
Ice . . . . .	111 33		
Disinfectant and sprayer . .	11 60		
Carfares and employment . . . .	45 65		
All other . . . . .	88 67		
		14,869 79	

**Public Buildings Department, City  
Home Buildings**

Labor . . . . .	364 94		
Fuel . . . . .	1,988 90		
Light . . . . .	495 69		
Furniture and furnishings . .	100 06		
Repairs to buildings . . . .	127 28		
Plumbing and supplies . . . .	169 53		
Heating apparatus equipment and repairs . .	102 30		
Hardware and materials . . . .	50 41		
All other . . . . .	35 54		
Special Item:—			
Insurance . . . . .	126 78	3,561 43	

**SOLDIERS' BENEFITS**

**Soldiers' Benefits, General Administration**

**Salaries and wages:—**

Agent . . . . .	300 00		
Clerk . . . . .	1,099 00		
Other Expenses . . . . .	33 08		
		1,432 08	

**Soldiers' Relief**

Cash as per pay rolls . . . .	24,841 00		
Medicine and Medical Attendance . . . . .	365 15	25,206 15	

		Expenses	Outlays
<b>State Aid</b>			
Cash as per pay rolls . . . . .	6,296 00		
	<hr/>	6,296 00	
<b>Military Aid</b>			
Cash as per pay rolls . . . . .	3,884 50		
	<hr/>	3,884 50	
<b>Soldiers' Burials</b>			
Burials . . . . .	120 00		
	<hr/>	120 00	

**EDUCATION****School Contingent****Salaries and Wages:—**

Superintendent . . . . .	5,000 00
Clerks . . . . .	8,618 78
Truant Officer . . . . .	2,000 00
Other employees . . . . .	383 83

**General Expenses:—**

Stationery, postage and office supplies . . . . .	2,013 69
Telephones . . . . .	1,203 53
Automobile maintenance . . . . .	410 56
Travel . . . . .	135 82
All other . . . . .	318 80

**Textbooks and Supplies:—**

Text and reference books and Music . . . . .	13,983 96
Maps . . . . .	205 89
Stationery and supplies . . . . .	14,683 96
Equipment and repairs . . . . .	1,406 60
Manual Training Sup- plies . . . . .	4,916 04

**Other Expenses:—**

Support of Truants . . . . .	910 02
Diplomas and graduation . . . . .	838 23
Printing and advertising . . . . .	556 29
Catering . . . . .	118 75
Power . . . . .	727 16
Binding . . . . .	1,052 15
Disbursements . . . . .	793 88
All other . . . . .	60 00

**Special Items:—**

Typewriters . . . . .	1,667 50
Machinery . . . . .	875 00
Truck Body . . . . .	250 00
Projector . . . . .	211 86

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**63,342 30**



		Expenses	Outlays
<b>School Department, Outside Tuition</b>			
Tuition:—			
City of Boston. . . .	5,411 03		
Other Cities . . . .	1,905 71		
	<hr/>	7,316 74	
<b>School Teachers' Salaries</b>			
Day Schools . . . .	750,623 00		
Evening Schools . . . .	9,615 38		
	<hr/>	760,238 38	
<b>Public Buildings Department, Maintenance</b>			
<b>School Buildings, Janitors' Salaries</b>			
Janitors' Salaries . . . .	69,369 79		
	<hr/>	69,369 79	
<b>Maintenance School Buildings, Fuel and Light</b>			
Fuel . . . . .	38,702 00		
Light . . . . .	10,962 38		
	<hr/>	49,664 38	
<b>Public Buildings Department, Maintenance</b>			
<b>School Buildings, Buildings and Grounds</b>			
Labor . . . . .	10,877 25		
Furniture and furnishings . . . .	5,476 16		
Janitors' Supplies . . . .	2,690 12		
Laundry . . . . .	77 01		
Repairs to buildings . . . .	4,480 94		
Heating apparatus and equipment . . . . .	5,060 34		
Plumbing . . . . .	2,546 15		
Glass, hardware and paint . . . .	3,355 45		
Lumber . . . . .	584 19		
Other materials and supplies . . . . .	3,246 32		
Care of grounds . . . . .	2,942 89		
Flags and Flag poles . . . .	383 44		
Auto maintenance . . . . .	358 65		
Power . . . . .	346 26		
Teaming . . . . .	1,417 86		
All other . . . . .	120 65		
Special Items:—			
Constructing drain and basin . . . . .	260 00		
Insurance . . . . .	194 00		
Taxes, Vinal Avenue . . . .	115 70		
Painting and panelling			
High School . . . . .	2,270 00		
Retubing boilers . . . . .	2,642 00		
Fences . . . . .	809 38		
Installing radiators,			
Knapp School . . . . .	1,017 00		
Laying floor . . . . .	295 02		
	<hr/>	51,566 78	



## Expenses

## Outlays

**Northern—Eastern Junior High School**

Construction Contract . . . . .	53,926 73
Heating Contract . . . . .	13,792 00
Electrical Contract . . . . .	2,718 50
Plumbing Contract . . . . .	3,629 30
Equipment . . . . .	875 03
Architects Fees . . . . .	3,918 98
Furniture and Furnishings . . . . .	26,723 42
Hardware Contract . . . . .	945 37
Picture Machine . . . . .	760 72
Vises . . . . .	336 00
Resurfacing school yards . . . . .	3,682 66
Labor . . . . .	509 57
Bronze Tablet . . . . .	265 00
Setting glass . . . . .	356 00
Repair ceilings . . . . .	457 00
Fixtures . . . . .	3,033 15
All other . . . . .	948 14

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116,877 57
**Additional Land Southern Junior High School**

Taking of land and build- ings . . . . .	1,000 00
Settlement of claim for damages . . . . .	500 00

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1,500 00
**Additional Land, Durell School**

Taking of land . . . . .	1,350 00
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1,350 00
**SCHOOL TRUST FUNDS****S. Newton Cutler Funds**

Books . . . . .	394 22
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394 22
**Smith-Hughes Fund**

School Teachers' Salaries . . . . .	2,635 29
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2,635 29
**Caroline G. Baker Fund**

Christmas celebrations . . . . .	17 68
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17 68
**LIBRARIES****Central Library****Salaries and Wages:—**

Librarian . . . . .	3,300 00
Assistants . . . . .	19,227 66

**Other Expenses:—**

Books . . . . .	6,142 86
Periodicals . . . . .	666 24
Music . . . . .	91 61

Carried forward . . . . .	29,428 37
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		Expenses	Outlays
Brought forward	29,428 37		
Binding	1,571 44		
Postage and office supplies	1,062 86		
Printing and advertising	653 17		
Telephone	111 68		
Express	159 61		
Cards	100 00		
All other	61 58		
Special Item:—			
Typewriter	75 75		
		33,224 46	

Public Buildings Department, Maintenance  
Central Library

Janitors	3,339 63
Labor	27 31
Fuel	1,043 86
Light	1,469 22
Furniture and furnishings	180 16
Janitors' Supplies	102 80
Repairs to buildings	61 30
Plumbing	4 00
Hardware and materials	91 83
All other	8 10

Special Item:—

Interior Decorating and Painting	6,007 00

12,335 21

West Somerville Branch Library  
Salaries and Wages:—

Assistants	5,793 62
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Other Expenses:—

Books	2,121 61
Periodicals	302 44
Music	55 75
Binding	495 14
Postage and office supplies	164 48
Printing and advertising	36 62
Telephone	34 18
Express	208 07
All other	7 79

9,219 70

Public Buildings Department, Maintenance  
West Somerville Branch Library

Janitor	1,481 29
Labor	150 25
Fuel	600 54
Light	280 75

Carried forward	2,512 83
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## Expenses

## Outlays

Brought forward . . . . .	2,512 83
Repairs to buildings and plumbing . . . . .	50 15
Care of Grounds . . . . .	74 93
Hardware and materials . . . . .	5 00
All other . . . . .	1 50
	<hr/>

2,644 41

## East Somerville Branch Library

## Salaries and Wages:—

Assistants . . . . .	4,326 69
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## Other Expenses:—

Books . . . . .	1,005 25
Periodicals . . . . .	118 60
Music . . . . .	32 92
Binding . . . . .	360 63
Postage and office supplies . . . . .	198 46
Printing and advertising . . . . .	10 50
Telephone . . . . .	34 84
Express . . . . .	206 74
	<hr/>

6,294 63

## Public Buildings Department, Maintenance East Somerville Branch Library

Janitor . . . . .	1,221 29
Labor . . . . .	109 80
Fuel . . . . .	498 55
Light . . . . .	122 02
Furniture and furnishings . . . . .	11 37
Janitors' supplies . . . . .	1 30
Heating apparatus and equipment . . . . .	46 74
Repairs to buildings and plumbing . . . . .	35 25
Hardware and materials . . . . .	18 53
All other . . . . .	14 11
	<hr/>

2,078 96

## Union Square Branch Library

## Salaries and Wages:—

Assistants . . . . .	4,500 04
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## Other Expenses:—

Books . . . . .	1,320 12
Periodicals . . . . .	126 37
Binding . . . . .	459 64
Postage and office supplies . . . . .	154 96
Printing and advertising . . . . .	19 72
Telephone . . . . .	40 31
Express . . . . .	208 08
	<hr/>

6,829 24

		Expenses	Outlays
<b>Public Buildings Department, Maintenance Union Square Branch Library</b>			
Janitor . . . . .	1,221 29		
Labor . . . . .	52 52		
Fuel . . . . .	559 48		
Light . . . . .	234 96		
Furniture and furnishings	3 30		
Heating apparatus and equipment	43 08		
Plumbing and repairs to buildings . . . . .	4 47		
Hardware and materials . . . . .	6 46		
All other . . . . .	29 35		
	<hr/>	2,154 91	

## PUBLIC LIBRARY TRUST FUNDS

<b>S. Newton Cutler Fund</b>			
Books . . . . .	37 87		
	<hr/>	37 87	
<b>Martha R. Hunt Art Fund</b>			
Books and pictures . . . . .	134 70		
	<hr/>	134 70	
<b>Hunt Art Fund Special</b>			
Book and pictures . . . . .	700 23		
	<hr/>	700 23	
<b>Martha R. Hunt Book Fund</b>			
Books . . . . .	501 06		
	<hr/>	501 06	
<b>Isaac Pitman Art Fund</b>			
Books . . . . .	6 81		
	<hr/>	6 81	
<b>Hunt Fund For Expenses</b>			
Books . . . . .	57 77		
	<hr/>	57 77	
<b>Engineering Department, Parks Maintenance</b>			
Labor . . . . .	7,680 25		
Teaming . . . . .	595 76		
Tools and equipment . . . . .	19 28		
Materials and supplies . . . . .	241 15		
Trees, shrubs and plants . . . . .	4,036 65		
Repairs . . . . .	1,018 64		
	<hr/>		
Carried forward . . . . .	16,104 56		

		Expenses	Outlays
Brought forward . . .	16,104 56		
Flags and flag poles . .	69 30		
Care of bubblers and foun-			
tains' . . . . .	235 59		
Care of grounds . . . .	556 42		
All other . . . . .	35 60		
Special Items:—			
Fences . . . . .	451 33		
Grading . . . . .	771 74		
Gardening . . . . .	362 48		
	<hr/>	16,074 19	

Public Buildings Department, Maintenance  
Park Buildings

Labor . . . . .	471 74	
Teams . . . . .	2 25	
Fuel . . . . .	418 98	
Light . . . . .	221 97	
Repairs to buildings . .	166 65	
Plumbing . . . . .	149 45	
Hardware and materials	42 45	
Laundry and Janitors'		
Supplies . . . . .	190 35	
Heating apparatus and		
equipment . . . . .	198 46	
All other . . . . .	30 88	
Special Item:—		
Connecting gas heater .	126 29	
	<hr/>	2,019 47

Park and Playground Improvement

Labor . . . . .	439 25	
Teams and trucks . . .	43 13	
Granolithic sidewalks . .	1,911 02	
Miscellaneous supplies . .	81 18	
Gardening, Plants, etc. .	2,521 47	
	<hr/>	4,996 05

Engineering Department, Playgrounds  
Maintenance

Labor . . . . .	4,838 51	
Teaming . . . . .	244 88	
Apparatus . . . . .	65 00	
Tools and equipment . .	195 60	
Materials and supplies . .	286 42	
Repairs to fountain, fences,		
etc. . . . .	411 58	
Repairing seats . . . .	72 00	
All other . . . . .	46 25	
Special Items:—		
Building backstops . .	223 44	
Tennis court . . . .	665 92	
	<hr/>	7,049 60

	Expenses	Outlays
<b>Public Welfare and Recreation Commission</b>		
Salaries and Wages:—		
Supervisors . . . .	1,258 33	
Instructors . . . .	3,865 16	
Labor . . . . .	197 63	
Other Expenses:—		
Equipment and supplies	981 42	
Teaming . . . . .	38 00	
Civic social centre . .	120 18	
Demonstrations . . .	374 65	
All other . . . . .	164 41	
	<hr/>	
	6,999 78	
 <b>Public Buildings Department, Maintenance Bathhouse</b>		
Salaries and Wages:—		
Attendants . . . . .	1,219 00	
Labor . . . . .	100 14	
Other Expenses:—		
Bathing suits . . . .	233 08	
Towels . . . . .	165 00	
Repairs to Buildings .	72 80	
Equipment and supplies	76 60	
Sand . . . . .	390 00	
Telephone . . . . .	35 64	
Laundry . . . . .	80 28	
Hardware and materials	54 96	
All other . . . . .	27 25	
Special Item:—		
Insurance . . . . .	97 00	
	<hr/>	
	2,551 75	
 <b>Celebrations</b>		
Labor . . . . .	16 20	
Printing and postage . .	31 50	
Music . . . . .	1,068 00	
Decorating . . . . .	77 50	
Fire works . . . . .	1,500 00	
Refreshments . . . . .	80 25	
Lumber . . . . .	251 34	
	<hr/>	
	3,024 79	
 <b>Improvement of Playgrounds, Walter Ernest Shaw</b>		
Constructing sewer and catch basin . . . . .	340 00	
Constructing retaining wall	4,654 03	
	<hr/>	
		4,994 03



## Improvement of Playground, West Somerville Junior High School

Labor . . . . .	38 24
Teams . . . . .	7 50
Wall . . . . .	243 51
Materials . . . . .	2 58
	<hr/>

291 83

## Playground Ward Six

Recording . . . . .	9 84
Taking of land and building . . . . .	42,561 28
Taxes on property taken . . . . .	1,134 79
	<hr/>

43,705 91

## UNCLASSIFIED

## Memorial Day

Music and Catering . . . . .	271 81
Flowers and Flags . . . . .	179 37
All other . . . . .	85 55
	<hr/>

536 73

## Public Buildings Department, Maintenance Bandstand

Labor . . . . .	140 61
Teaming . . . . .	115 50
Hardware and Materials . . . . .	23 84
	<hr/>

279 95

## Rifle Practice Cos. A &amp; B, First Engineers

Use of Range . . . . .	269 00
Transportation . . . . .	476 00
	<hr/>

745 00

## Municipal Documents

Printing . . . . .	2,521 69
	<hr/>

2,521 69

## Quarters for George Dilboy Post V. F. W.

Rent . . . . .	600 00
	<hr/>

600 00

## Quarters for American Legion

Rent . . . . .	645 00
	<hr/>

645 00

## Quarters for Spanish War Veterans

Rent . . . . .	40 00
	<hr/>

40 00

		Expenses	Outlays
<b>Investigation of Railroad Rates</b>			
Investigating . . . .	500 00		
	<hr/>	500.00	
<b>Workmen's Compensation</b>			
Compensation for Injuries	5,652 79		
Medical Attendance . .	546 60		
Books, postage, supplies .	3 50		
	<hr/>	6,202 89	
<b>Pensions</b>			
Janitors . . . . .	1,824 60		
Police . . . . .	10,293 67		
Fire . . . . .	5,688 85		
Weights and Measures .	812 40		
Health . . . . .	237 50		
Poor . . . . .	858 33		
<b>Laborers:—</b>			
Highway . . . . .	10,159 74		
Sanitary . . . . .	7,464 27		
Water . . . . .	3,914 81		
	<hr/>	41,254 17	
<b>Damage to Persons and Personal Property</b>			
Settlement of Claims . .	6,849 93		
	<hr/>	6,849 93	

## MUNICIPAL INDEBTEDNESS

## Interest

## Temporary Loans:—

Anticipation of Revenue	39,610 16
Miscellaneous . . . .	30 89

## General Loans:—

Sewer . . . . .	6,278 75
Highway . . . . .	7,880 00
City . . . . .	5,850 00
Bridge . . . . .	892 50
Metropolitan Park . .	210 00
Public Buildings . .	7,820 00
School House . . . .	33,160 00
City Hall Additions .	5,746 18

107,478 48

## Reduction of Funded Debt

## General Loans:—

Sewer . . . . .	20,000 00
Highway . . . . .	46,000 00
City . . . . .	25,500 00
Bridge . . . . .	1,000 00
Metropolitan Park . .	1,000 00
Public Buildings . .	18,000 00
School House . . . .	41,730 00
City Hall Additions .	7,926 50

161,156 50

## WATER WORKS

Expenses

Outlays

## Water Maintenance

## Administration:—

Commissioner . . . . .	3,300 00
Clerks . . . . .	9,303 41
Books, printing, postage and supplies . . . . .	2,462 90
Telephone . . . . .	289 21
All other . . . . .	62 39

## General:—

Labor . . . . .	46,568 68
Pipe and fittings . . . . .	3,484 82
Meters and fittings . . . . .	4,409 92
Hydrants and fittings . . . . .	771 24
Tools . . . . .	2,270 91
Autos, trucks and sup- plies . . . . .	5,283 99
Horses and equipment . . . . .	436 82
Power . . . . .	10 76
Miscellaneous Supplies . . . . .	204 71
Street Repairs . . . . .	836 47
Fountains . . . . .	40 82
Street Sprinkling Hy- drants . . . . .	147 10
All other . . . . .	116 72

## Special Items:—

Contract Labor . . . . .	789 43
New Trucks . . . . .	585 00
Convention Expenses . . . . .	85 98
Typewriter . . . . .	96 20

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81,557 48

Less Service Transfers for  
Teams . . . . .

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254 79

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81,302 69

## Water Works Extension

Labor . . . . .	3,832 54
Hired teams and trucks . . . . .	163 75
Pipe and fittings . . . . .	17,467 94
Hydrants and fittings . . . . .	1,555 08
Meters and fittings . . . . .	7,620 52
Tools and equipment . . . . .	16 50
Contract . . . . .	3,458 39

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34,114 72

## Public Buildings Department, Maintenance Water Buildings

Labor . . . . .	718 54
Fuel . . . . .	536 43
Light . . . . .	469 36
Lumber and Materials . . . . .	1,012 40
Repairs to buildings . . . . .	46 50

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Carried forward . . . . . 2,783 23

		Expenses	Outlays
Brought forward . . . . .	2,783 23		
Heating apparatus and equipment . . . . .	37 58		
Furniture and furnishings . . . . .	15		
All other . . . . .	4 70		
Special Items:—			
Sign . . . . .	78 50		
Painting . . . . .	79 20		
	<hr/>	2,983 36	

**Metropolitan Water Assessment**

Assessment . . . . .	142,275 86		
	<hr/>	142,275 86	

**OTHER ACCOUNTS****Temporary Loans**

Loans in anticipation of revenue . . . . .	1,950,000 00		
	<hr/>	1,950,000 00	

**Tax Titles**

Taxes 1923 . . . . .	246 08		
Land Court Fees . . . . .	11 31		
	<hr/>	257 39	

**Court Judgments**

Judgments paid . . . . .	1,136 37		
	<hr/>	1,136 37	

**State Taxes**

State . . . . .	162,100 00		
	<hr/>	162,100 00	
Poll Taxes . . . . .	522 00		
	<hr/>	522 00	

**Metropolitan and Other Assessments**

Metropolitan Park . . . . .	68,004 00		
Metropolitan Sewer . . . . .	102,039 97		
Wellington Bridge . . . . .	3,351 00		
Charles River Basin . . . . .	9,627 83		
Alewife Brook . . . . .	1,026 08		
Prevention of Fire . . . . .	1,116 72		
Grade Crossings . . . . .	50 00		
State Highway . . . . .	1,131 51		
Soldiers' Exemption . . . . .	253 26		
Division Metropolitan Planning . . . . .	900 45		
	<hr/>	187,500 82	

**County of Middlesex**

County Tax 1924 . . . . .	128,995 57		
	<hr/>	128,995 57	

## CITY AUDITOR.

73

		Expenses	Outlays
<b>Cash Refunds</b>			
Taxes . . . . .	556 42		
Special Assessments . . . . .	134 30		
Water . . . . .	594 41		
Other . . . . .	121 69		
	<hr/>	1,406 82	

**Commonwealth of Massachusetts**

Liquor License Fees . . . . .	5 75		
	<hr/>		5 75

**PRIVATE TRUST****Redemption of Tax Titles**

Tax Titles Redeemed . . . . .	2,670 25		2,670 25
	<hr/>		
Totals . . . . .		\$5,487,015 56	\$477,337 97
*Refunds . . . . .		5,287 94	44,294 32
		<hr/>	<hr/>
		\$5,492,303 50	\$521,632 29
Total Cash Payments . . . . .			\$6,013,935 79

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\* Expenditures as shown in all accounts are net

## SCHEDULE OF PUBLIC PROPERTY

School Buildings	Land and Buildings	Personal	Totals
Prescott . . . . .	72,200 00	3,000 00	75,200 00
East Somerville Junior High	62,000 00	2,000 00	64,000 00
Hanscom . . . . .	66,500 00	4,000 00	70,500 00
Davis . . . . .	53,500 00	17,500 00	71,000 00
Clark Bennett . . . . .	54,500 00	3,500 00	58,000 00
Knapp . . . . .	53,000 00	5,500 00	58,500 00
Baxter . . . . .	39,200 00	1,500 00	40,700 00
Perry . . . . .	52,000 00	1,500 00	53,500 00
Bell and Southern Junior High	236,000 00	10,000 00	246,000 00
Pope . . . . .	83,600 00	5,000 00	88,600 00
Cummings . . . . .	18,400 00	1,500 00	19,900 00
Edgerly . . . . .	43,000 00	5,000 00	48,000 00
Northern Eastern Junior High	611,000 00	10,000 00	621,000 00
* High . . . . .	396,000 00	30,000 00	426,000 00
Glines . . . . .	96,400 00	5,000 00	101,400 00
Forster . . . . .	64,000 00	4,500 00	
Forster (Annex) . . . . .	40,000 00	3,500 00	112,000 00
† Proctor . . . . .	40,000 00	4,000 00	44,000 00
Bingham . . . . .	77,000 00	5,000 00	82,000 00
Morse . . . . .	59,000 00	5,000 00	64,000 00
Carr . . . . .	58,600 00	4,500 00	63,100 00
Durell . . . . .	23,800 00	1,500 00	25,300 00
Burns . . . . .	44,000 00	3,000 00	47,000 00
Brown . . . . .	80,000 00	2,600 00	82,600 00
Highland . . . . .	71,600 00	5,000 00	76,600 00
Lowe . . . . .	57,000 00	2,000 00	59,000 00
Hodgkins . . . . .	116,700 00	5,000 00	121,700 00
x West Somerville Junior High	200,000 00	8,000 00	208,000 00
Lincoln . . . . .	21,800 00	1,000 00	22,800 00
Cutler . . . . .	135,800 00	10,000 00	145,800 00
Total . . . . .	\$3,026,600 00	\$169,600 00	\$3,196,200 00

\* Land included in Central Hill Park

† Building and fixtures. Land owned by State.

x Land included in Walter Ernest Shaw Playground



	Land and Buildings	Personal	Totals
<b>Fire Buildings</b>			
New Fire Alarm Building . . . . .	\$27,500 00	*\$105,000 00	\$180,200 00
Central . . . . .	47,700 00	.....	.....
Engine Two . . . . .	42,000 00	27,000 00	69,000 00
Engine Six . . . . .	39,900 00	25,000 00	64,900 00
Hose Five . . . . .	23,500 00	8,000 00	31,500 00
Ladder One . . . . .	60,000 00	25,000 00	85,000 00
Ladder Two . . . . .	19,700 00	15,000 00	34,700 00
Engine Four . . . . .	21,000 00	7,000 00	28,000 00
Total . . . . .	\$281,300 00	\$212,000 00	\$493,300 00

\* Includes Electrical Department equipment

<b>Libraries</b>			
* Central . . . . .	137,500 00	100,000 00	237,500 00
East Somerville Branch . . . . .	24,400 00	.....	24,400 00
West Somerville Branch . . . . .	41,000 00	6,500 00	47,500 00
Prospect Hill . . . . .	18,000 00	2,000 00	20,000 00
Total . . . . .	\$220,900 00	\$108,500 00	\$329,400 00

<b>Miscellaneous Buildings</b>			
Highway (stables, etc) . . . . .	55,000 00	30,000 00	85,000 00
Sewer . . . . .	6,700 00	500 00	7,200 00
Contagious and Tuberculosis Hospital . . . . .	63,500 00	9,000 00	72,500 00
City Home . . . . .	106,200 00	17,000 00	123,200 00
Police . . . . .	70,500 00	8,000 00	78,500 00
* City Hall . . . . .	232,500 00	150,000 00	382,500 00
* City Hall Annex . . . . .	68,200 00	12,500 00	80,700 00

**Parks:—**

Trum . . . . .	3,500 00	.....	3,500 00
Broadway . . . . .	3,100 00	.....	3,100 00
Lincoln . . . . .	3,000 00	.....	3,000 00
Bathhouse . . . . .	5,000 00	.....	5,000 00
Polling Booths . . . . .	300 00	.....	300 00
Sanitary . . . . .	21,000 00	19,200 00	40,200 00
Water . . . . .	49,000 00	6,500 00	55,500 00
Total . . . . .	\$687,500 00	\$252,700 00	\$940,200 00

\* Land included in Central Hill Park

**Parks and Playgrounds**

Saxton C. Foss Park . . . . .	\$421,200 00	.....	\$421,200 00
Central Hill . . . . .	472,000 00	.....	472,000 00
Lincoln . . . . .	84,500 00	3,500 00	88,000 00
Prospect Hill . . . . .	69,800 00	1,500 00	71,300 00
Tufts . . . . .	109,000 00	.....	109,000 00
Paul Revere . . . . .	1,000 00	.....	1,000 00
Belmont Street . . . . .	5,100 00	.....	5,100 00
Trum Playground . . . . .	70,900 00	.....	70,900 00

	Land and Buildings	Personal	Totals
Glen Street . . . . .	17,300 00	.....	17,300 00
Kent Street . . . . .	12,000 00	.....	12,000 00
Poplar Street . . . . .	5,800 00	.....	5,800 00
Beacon Street . . . . .	3,000 00	.....	3,000 00
Dilboy Field . . . . .	64,000 00	.....	64,000 00
Ward Six . . . . .	42,700 00	.....	42,700 00
Walter Ernest Shaw Playgr'd	54,500 00	.....	54,500 00
Total . . . . .	\$1,432,800 00	\$5,000 00	\$1,437,800 00

## Miscellaneous Land

Somerville Avenue . . . . .	300 00	.....	300 00
Putnam . . . . .	400 00	.....	400 00
Murdock Street . . . . .	600 00	.....	600 00
Lowell Street . . . . .	100 00	.....	100 00
Spencer Avenue . . . . .	100 00	.....	100 00
Weston Avenue . . . . .	2,100 00	.....	2,100 00
Endicott Avenue . . . . .	700 00	.....	700 00
Waltham Gravel Land . . . .	10,000 00	.....	10,000 00
Cameron Avenue . . . . .	1,000 00	.....	1,000 00
Total . . . . .	\$15,300 00	.....	\$15,300 00

## SUMMARY

	Land and Buildings	Personal	Totals
School Buildings . . . . .	\$3,026,600 00	\$169,600 00	\$3,196,200 00
Fire Buildings . . . . .	281,300 00	212,000 00	493,300 00
Libraries . . . . .	220,900 00	108,500 00	329,400 00
Miscellaneous Buildings . . .	687,500 00	252,700 00	940,200 00
Parks and Playgrounds . . .	1,432,800 00	5,000 00	1,437,800 00
Miscellaneous Land . . . . .	15,300 00	.....	15,300 00
Total . . . . .	\$5,664,400 00	\$747,800 00	\$6,412,200 00
Sewer (cost) . . . . .			1,389,305 00
Water Works (cost) . . . . .			1,187,814 96
Total value public prop- erty . . . . .			\$8,989,319 96

## REPORT OF THE TREASURER AND COLLECTOR OF TAXES

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Somerville, Mass.  
January 15, 1925.

To the Honorable, the Mayor and the Board of Aldermen of  
the City of Somerville:

Gentlemen:

I herewith present the annual report of the City Treasurer and Collector of Taxes for the year 1924, and desire to again call particular attention to the large amount appropriated from revenue for permanent improvements, viz \$297,887.37) (see statement of Revenue and Expense) and to the small per cent of Funded Debt, and the small per capita debt, (see statement of Borrowing Capacity.)

Respectfully submitted,

JOSEPH S. PIKE,

*City Treasurer and Collector of Taxes.*

## STATEMENT OF REVENUE AND EXPENSE

Excess and Deficiency Credit Bal. Jan. 1, 1924 . . . . .	\$90,449 86	
By adjustment credits . . . . .	595 01	
	<hr/>	91,044 87
To adjustment charges . . . . .	460 15	
	<hr/>	\$90,584 72
Assessed in Taxes, 1924 . . . . .	\$2,882,616 91	
Excise Taxes . . . . .	30 27	
	<hr/>	2,882,647 18
Estimated Revenue (net) . . . . .		582,443 91
Corporation Taxes . . . . .	113,497 01	
Income Taxes . . . . .	202,580 54	
National Bank Tax . . . . .	2,850 56	
	<hr/>	318,928 11
Premium on Bonds . . . . .	3,343 50	
Accrued Interest . . . . .	428 82	
	<hr/>	3,772 32
Reserve Fund, Surplus from Overlays . . . . .		6,000 00
From Supplementary Warrants prior years . . . . .		532 36
Refund, Grade Crossing Interest . . . . .	2,586 28	
Refund account Coal . . . . .	698 99	
Visiting Nursing Assn. . . . .	500 00	
	<hr/>	3,785 27
	<hr/>	\$3,888,693 87
General Expenses . . . . .	\$2,639,700 12	
Interest . . . . .	107,907 30	
Reduction Funded Debt . . . . .	164,500 00	
Met. Water Asst. . . . .	142,275 86	
State Tax . . . . .	162,100 00	
State Assessments . . . . .	187,450 82	
County Tax . . . . .	128,995 57	
	<hr/>	3,532,929 67
Appropriated to Outlays for Permanent Improvements . . . . .		297 887 37
Balance to the credit of Excess and Deficiency account, December 31, 1924 . . . . .		57,876 83
	<hr/>	\$3,888,693 87

## BORROWING CAPACITY, DECEMBER 31, 1924

Valuation, 1922 . . . . .	\$88,158,139 27	
Supplementary . . . . .	8,400 00	
	<hr/>	\$88,166,539 27
Valuation, 1923 . . . . .	92,519,400 00	
Supplementary . . . . .	9,000 00	
	<hr/>	92,528,400 00
Carried forward . . . . .		\$180,694,939 27

Brought forward					\$180,694,939 27
Valuation, 1924				99,311,000 00	
Supplementary				6,500 00	
					<u>99,317,500 00</u>
Total					\$280,012,439 27
Abatements 1922				500,867 00	
1923				472,012 00	
1924				401,450 00	
					<u>1,374,329 00</u>
					\$278,638,110 27
Average three years, one-third					92,879,370 09
Two and one-half per cent					2,321,984 25
Funded Debt, Dec. 31, 1924				1,579,000 00	
Sewer Loan, 1895, Chap. 357			\$3,000		
Met. Park Asst. Loan 1902,					
Chap. 325			5,000		
				<u>8,000 00</u>	
					<u>1,571,000 00</u>
Borrowing capacity Dec. 31, 1924					750,984 25
Maturities:					
January 1, 1925				33,000 00	
April 1, 1925				65,000 00	
July 1, 1925			\$32,000 00		
Less outside limit			4,000 00		
				<u>28,000 00</u>	
October 1, 1925				21,000 00	
					<u>147,000 00</u>
					\$897,984 25
Maturities within limit 1925				147,000 00	
Maturities outside limit 1925				4,000 00	
				<u>\$151,000 00</u>	

Per cent of Funded Debt Dec. 31, 1924 to average valuation three years as above .017

Estimated population Dec. 31, 1924, 100,000.. Per capita debt, \$15.79

## CONDENSED CASH STATEMENT

Receipts		Payments	
Revenue	\$5,985,725 04		\$5,503,439 39
Non-Revenue	46,964 57		510,496 40
	<u>\$6,032,689 61</u>		<u>\$6,013,935 79</u>
Cash Balance		Cash Balance	
Jan. 1, 1924	317,456 94	Dec. 31, 1924	336,210 76
	<u>\$6,350,146 55</u>		<u>\$6,350,146 55</u>



## DETAILED CASH STATEMENT

## RECEIPTS

Balance from 1923					\$317,456 94
Taxes 1920				\$262 65	
1921				33 66	
1922				405 34	
1923				580,835 02	
1924				2,471,789 39	
					\$3,053,326 06
Excise 1923				12 34	
1924				12 01	
					24 35
Street Sprinkling 1923				7,883 22	
1924				38,541 24	
					46,424 46
Highway Assessments 1921				63 00	
1923				11,060 81	
1924				9,010 00	
Apportioned				62 35	
Committed Interest				17 82	
					20,213 98
Sidewalk Assessments 1921				19 82	
1923				2,483 86	
1924				2,099 49	
					4,603 17
Sewer Assessments 1923				1,506 30	
1924				1,759 75	
					3,266 05
Metered Water Charges 1923				35,208 83	
Water Sales 1924				251,339 46	
Maintenance				10,694 44	
Services				8,559 72	
					305,802 45
Treasury Department:					
Costs: Taxes				\$4,886 20	
Assessments				33 70	
Tax Titles				13 20	
Tax Lien Certificates				894 00	
Redemption Certificates				20 00	
					\$5,847 10
Departmental Accounts				93,467 27	
Departmental Deposits				12,340 48	
					105,807 75
Interest:					
Taxes				16,227 45	
Assessments				264 77	
Tax Titles				42 00	
Bank Treasurer				10,532 32	
City Clerk				19 40	
					27,085 94
Commonwealth of Massachusetts:					
Corporation Taxes				113,503 01	
Bank Taxes				2,925 25	
Street Railway Taxes				16,202 84	
					132,631 10
Carried forward				\$3,705,032 41	\$317,456 94



Brought forward . . . . .	\$3,705,032 41	\$317,456 94
Income Taxes:		
1920 & prior years . . . . .	794 22	
1921 . . . . .	1,577 70	
1922 . . . . .	1,458 90	
1923 . . . . .	10,536 50	
1924 . . . . .	188,213 22	
	<hr/>	202,580 54
For Schools:		
Continuation . . . . .	5,795 30	
Vocational . . . . .	13,615 67	
Americanization . . . . .	3,861 53	
	<hr/>	23,272 50
Boxing Licenses . . . . .		208 28
Soldiers' Benefits . . . . .		8,861 17
Poll Taxes . . . . .		1,965 00
Lieu Taxes . . . . .		86 99
Surplus War Bonus Fund . . . . .		46,598 06
County of Middlesex:		
Dog Licenses . . . . .		2,145 27
Courts, Police . . . . .	13,428 49	
County . . . . .	943 50	
Probation Officer . . . . .	28 75	
	<hr/>	14,400 74
Departmental Penalties:		
School Department . . . . .		311 50
Licenses & Permits . . . . .		17,208 00
Liquor for Commonwealth . . . . .		6 00
Tax Titles . . . . .		515 72
Miscellaneous Revenue:		
Edison Electric Illumi- nating Company, elec- trolysis . . . . .	500 00	
Conscience Money . . . . .	40 00	
Entailing Pay Roll Items . . . . .	28 98	
Costs Suit . . . . .	20 42	
	<hr/>	\$589 40
Sale of Land:		
Murdock Street . . . . .	600 00	
Waltham . . . . .	312 00	
Marion Street (Tax Title) . . . . .	175 68	
	<hr/>	1,087 68
General Expense (Refunds) . . . . .		1,515 62
Revenue Loans . . . . .		1,950,000 00
Trust Funds:		
School: Cutler . . . . .	214 50	
Smith-Hughes . . . . .	2,802 51	
Baker . . . . .	13 50	
	<hr/>	\$3,030 51
Library: Cutler . . . . .	42 88	
Hunt Art . . . . .	97 50	
Hunt Books . . . . .	495 30	
Pitman, Art . . . . .	171 32	
Pitman, Poetry . . . . .	42 82	
Wilder . . . . .	4 50	
Hunt, Art for expense . . . . .	1,000 00	
	<hr/>	1,854 32
Carried forward . . . . .	\$5,981,269 71	\$317,456 94

Brought forward . . . .	\$5,981,269 71	\$317,456 94
Welfare: Cummings . . .	75 05	
Excess & Deficiency . . .	595 01	
	<hr/>	
Commonwealth of Mass., Re- fund Grade Crossing Int.	2,586 28	
Somerville Coal Co., Refund Coal . . . . .	698 99	
Somerville Visiting Nursing Asso. . . . .	500 00	
	<hr/>	
	\$5,985,725 04	
<b>Non-Revenue</b>		
Offset to Outlays . . . .	44,294 32	
Redemption Tax Titles . . .	2,670 25	
	<hr/>	
	46,964 57	
	<hr/>	
		\$6,032,689 61
		<hr/>
		\$6,350,146 55

## Revenue

## Refunds:

## PAYMENTS

Taxes 1922 . . . . .	\$80 16	
1923 . . . . .	156 30	
1924 . . . . .	319 96	
	<hr/>	
Street Sprinkling, 1924 . . .		\$556 42
Corporation (Commonwealth)		51 48
National Bank (Common- wealth) . . . . .		6 00
Bills Receivable . . . . .		74 69
Water prior years . . . . .	1 80	35 00
Water Income 1924 . . . . .	586 11	
Water Maintenance . . . . .	6 50	
	<hr/>	
Highway Assessments 1921 . .		594 41
Sidewalk Assessments 1921 . .		63 00
Court Judgments . . . . .		19 82
Grade Crossings . . . . .		1,136 37
Tax Titles . . . . .		50 00
Revenue Loans . . . . .		257 39
General Expenses . . . . .	2,652,345 88	1,950,000 00
Interest Funded Debt . . . .	68,266 25	
Revenue Loans . . . . .	39,610 16	
Tax Title . . . . .	30 89	
Reduction Funded Debt . . . .	164,500 00	
Metropolitan Water Assess- ment . . . . .	142,275 86	
	<hr/>	
		3,067,029 04
Commonwealth of Massachu- setts:		
State Tax . . . . .	162,100 00	
Assessments . . . . .	187,197 56	
Soldiers' Exemptions . . . .	253 26	
War Poll Tax . . . . .	522 00	
Liquor Licenses . . . . .	5 75	
	<hr/>	
		350,078 57
Carried forward . . . . .		<hr/>
		\$5,369,952 19

## TREASURER AND COLLECTOR OF TAXES.

83

Brought forward . . . .			\$5,369,952 19
County of Middlesex, county tax . . . . .			128,995 57
Trust Funds:			
School: Cutler . . . . .	394 22		
Smith-Hughes . . . . .	2,635 29		
Baker . . . . .	17 68		
		\$3,047 19	
Library: Cutler . . . . .	37 87		
Hunt, Art . . . . .	134 70		
Hunt, Books . . . . .	501 06		
Pitman, Art . . . . .	6 81		
Hunt Art for Expenses . . . . .	758 00		
		1,438 44	
			4,485 63
Excess & Deficiency . . . .			6 00
			\$5,503,439 39
Non-Revenue			
Outlay Appropriations . . . .	\$507,826 15		
Redemption Tax Titles . . . .	2,670 25		
			\$510,496 40
			\$6,013,935 79
Cash in office . . . . .	1,777 06		
Deposits in banks . . . . .	334,433 70		
			336,210 76
			\$6,350,146 55

## BALANCES, DECEMBER 31, 1924

	Debit	Credit
Cash . . . . .	\$336,210 76	
Cash Advances . . . . .	200 00	
Taxes, 1921 . . . . .	\$12 44	
1922 . . . . .	50 60	
1923 . . . . .	785 08	
1924 . . . . .	427,097 20	
Excise, 1924 . . . . .	18 26	
	427,963 58	
Street Sprinkling, 1924 . . . .	7,107 00	
Overlay & Abatement, 1921 . . . .		\$12 44
1922 . . . . .		50 60
1923 . . . . .		785 08
1924 . . . . .		15,421 17
Supplementary Assessments . . . .		545 55
Highway Assessments, 1924 . . . .	8,869 00	
Highway Apportioned . . . . .	302 15	
Sidewalks Assessments, 1924 . . . .	2,104 16	
Sewer Assessments, 1924 . . . . .	1,655 00	
	12,930 31	
Metered Water Charges, 1924 . . . .	32,372 17	
Sale of Land . . . . .		737 68
Comm. of Mass. Soldiers' Benefits . . . . .	8,358 25	
Surplus War Bonus Fund . . . . .		46,598 06
Carried forward . . . . .	\$825,142 07	\$64,150 58

	Debit	Credit
Brought forward . . . .	\$825,142 07	\$64,150 58
Grade Crossings . . . .	477 30	
Tax Titles . . . .	1,402 80	
Temporary Loans . . . .		600,000 00
Funded Debt . . . .		1,579,000 00
Net Funded Debt (Balancing Acc't) . . . .	1,579,000 00	
Comm. of Mass. Liquor Licenses		25
Outlay Appropriations . . . .		75,417 19
Trust Funds:		
School: Cutler . . . .	\$445 13	
Smith-Hughes . . . .	361 82	
Baker . . . .	6 75	
		813 70
Library: Cutler . . . .	5 21	
Hunt Art . . . .	65 31	
Hunt, Books . . . .	5 36	
Pitman, Art . . . .	210 10	
Pitman, Poetry . . . .	51 89	
Wilder . . . .	13 29	
Hunt art Expenses . . . .	299 77	
		650 93
Poor, Cummings . . . .		507 27
Sundry Persons . . . .		291 65
Excess & Deficiency . . . .		57,876 83
Reserve Fund (Surplus from Overlay) . . . .		14,383,46
Special Assessments Reserved		12,930 31
Public Trust Funds:		
School:		
Cutler fund . . . .	\$5,000 00	
Baker . . . .	300 00	
		5,300 00
Library:		
Cutler . . . .	1,000 00	
Hunt Books . . . .	12,000 00	
Hunt Art . . . .	1,000 00	
Pitman Art 80% . . . .		
Pitman Poetry 20% . . . .	5,314 58	
Wilder . . . .	100 00	
		19,414 58
Welfare:		
Cummings Fund . . . .		1,681 66
Investment . . . .	\$26,396 24	
	\$2,432,418 41	\$2,432,418 41

The assessor's warrant for the tax levy, assessed upon polls and property April 1, 1924, amounted to \$2,956,311.60.

Real Estate:	
Land . . . .	\$26,353,550 00
Buildings . . . .	64,015,350 00
	90,368,900 00
Personal . . . .	8,942,100 00
Total Valuation . . . .	\$99,311,000 00

At a rate of \$28.70 . . .	\$2,850,225 70
Polls, 30,094 at \$2.00 . .	60,188 00
Street Sprinkling . . .	45,897 90
	<hr/>
	\$2,956,311 60
Additional Assessments:	
Personal \$6,500 at \$28.70 .	\$186 55
Polls, 171 at \$2.00 . . .	342 00
Excise . . . . .	30 27
	<hr/>
	558 82
Total commitment by assessors	<hr/>
	\$2,956,870 42

## TAXES

	1920	1921	1922	1923	1924	Excise 1923	Excise 1924	Total
Balance Dec. 31, 1923 . . .	\$257 65	\$97 10	\$1,165 68	\$589,719 86	.....	\$12 34	.....	\$591,252 63
Committed . . .	.....	.....	.....	.....	.....	.....	.....	2,910,413 70
Supplementary . . .	.....	.....	.....	225 00	\$2,910,413 70	.....	\$30 27	783 82
Refunds . . .	.....	.....	80 16	156 30	528 55	.....	.....	556 42
Recharged . . .	5 00	20 10	10 00	31 28	319 96	.....	.....	66 38
Total charges . . .	\$262 65	\$117 20	\$1,255 84	\$590,132 44	.....	\$12 34	\$30 27	\$3,503,072 95
Collected . . .	262 65	33 66	405 34	580,835 02	\$2,911,262 21	12 34	12 01	3,053,350 41
Abated . . .	.....	71 10	799 90	8,512 34	2,471,789 39	.....	.....	21,758 96
Total credits . . .	\$262 65	\$104 76	\$1,205 24	\$589,347 36	12,375 62	.....	.....	\$3,075,109 37
Balance Dec. 31, 1924 . . .	.....	12 44	50 60	785 08	\$2,484,165 01	\$12 34	\$12 01	427,963 58
					427,097 20	.....	18 26	



## STREET SPRINKLING ASSESSMENTS

	1923	1924
Balance Dec. 31, 1923 . . . . .	\$7,897 22	.....
Committed . . . . .	.....	\$45,897 90
Refunds . . . . .	.....	51 48
	<hr/>	<hr/>
Total charges . . . . .	\$7,897 22	\$45,949 38
Collected . . . . .	7,883 22	38,541 24
Abated . . . . .	14 70	301 14
	<hr/>	<hr/>
Total credits . . . . .	\$7,897 92	\$38,842 38
Balance Dec. 31, 1924 . . . . .	.....	7,107 00

## OVERLAY AND ABATEMENT

	1920	1921	1922	1923	1924	Total
	& prior years					
Credit Balance Dec. 31, 1923	.	\$97 10	\$1,165 68	\$19,645 68	.....	\$21,160 11
Assessed in Taxes	.	\$251 65	.....	.....	\$27,796 79	27,796 79
Charged to Commonwealth	.	.....	507 00	1,269 00	.....	1,836 00
Recharged	.	5 60	10 00	31 28	.....	46 28
Transfers	.	6 00	.....	.....	.....	6 00
Adjustments	.	.....	20 10	.....	.....	20 10
Total credits	.	\$262 65	\$177 20	\$1,682 68	\$27,796 79	\$50,865 28
Abatements	.	.....	71 10	797 90	12,375 62	21,618 04
Adjustments	.	.....	.....	.....	.....	.....
To Reserve Fund (Surplus)	.	262 65	93 66	834 18	.....	12,977 95
Total charges	.	\$262 65	\$164 76	\$1,632 08	\$12,375 62	\$34,595 99
Balance Dec. 31, 1924	.	.....	12 44	50 60	15,421 17	16,269 29

## SUPPLEMENTARY ASSESSMENTS

Credit Balance Dec. 31, 1923	.	\$471 28
Supplementary 1923	.	225 00
Supplementary 1924	.	528 55
Charged to Comm. of Mass.	.	129 00
Total credits	.	\$1,353 83
Abatements	.	275 92
Transferred to Revenue	.	532 36
Total charges	.	\$808 28
Credit Balance Dec. 31, 1924	.	545 55

## BETTERMENT ASSESSMENTS

	Highways 1921 1922 1923	Highways 1924	Sidewalks 1921 1922 1923	Sidewalk 1924	Sewer 1923	Sewer 1924	Committed Apport'd Highway	Comm'd Int.	Total
Bal. Dec. 31, 1923 .	\$11,425 31		\$2,483 86		\$1,506 30				\$15,415 47
Committed .									25,682 00
Refunded .	63 00		19 82					17 82	82 82
Recharged .	63 00		19 82						82 82
Total charges .	\$11,551 31	\$17,879 00	\$2,523 50	\$4,308 08	\$1,506 30	\$3,414 75	\$62 35	\$17 82	\$41,263 11
Collected .	11,123 81	9,010 00	2,503 68	2,099 49	1,506 30	1,759 75	62 35	17 82	28,083 20
Abated .	63 00		19 82	104 43					187 25
Apportioned .	364 50								364 50
Total credits .	\$11,551 31	\$9,010 00	\$2,523 50	\$2,203 92	\$1,506 30	\$1,759 75	\$62 35	\$17 82	\$28,634 95
Bal. Dec. 31, 1924 .		8,869 00		2,104 16		1,655 00			12,628 16
Apportioned Highway .	364 50								
Committed Highway .	62 35								
Bal. Dec. 31, 1924 .	302 15								

## WATER DEPARTMENT ACCOUNTS

	Metered 1923	Metered 1924	Annual	Addi- tional	Maint.	Service Assessm'ts	Totals
Bal. Dec. 31, 1924 .	\$35,222 25						\$35,222 25
Committed .		\$265,081 12	\$19,917 25	\$1,255 89	\$11,412 35	\$8,559 72	306,226 33
Refunds .	1 80	113 06	471 25	1 80	6 50		594 41
Total charges .	\$35,224 05	\$265,194 18	\$20,388 50	\$1,257 69	\$11,418 85	\$8,599 72	\$342,042 99
Collected .	35,208 83	232,064 73	18,357 75	916 98	10,694 44	8,559 72	305,802 45
Abated .	15 22	757 28	2,030 75	340 71	724 41		3,868 37
Total credits .	\$35,224 05	\$232,822 01	\$20,388 50	\$1,257 69	\$11,418 85	\$8,559 72	\$309,670 82
Bal. Dec. 31, 1924 .		32,372 17					32,372 17

## DEPARTMENTAL ACCOUNTS FOR COLLECTION AND DEPOSITS

	Balance Dec. 23, 1923	Committed	Abated	Collected	Balance Dec. 31, 1924	Deposits
Assessors . . . . .	.....	.....	.....	.....	.....	\$1.50
City Clerk . . . . .	.....	.....	.....	.....	.....	1,909 06
Law Department . . . . .	.....	.....	.....	.....	.....	.....
Engineering Department . . . . .	.....	.....	.....	.....	.....	1 45
Building Department . . . . .	\$6 49	\$250 00	\$6 49	\$250 00	.....	32 32
City Messenger . . . . .	.....	625 00	.....	625 00	.....	.....
Police Department . . . . .	.....	.....	.....	.....	.....	234 76
Police Building . . . . .	337 50	1,350 00	.....	1,687 50	.....	.....
Fire Department . . . . .	.....	.....	.....	.....	.....	740 00
Electrical Department . . . . .	.....	.....	.....	.....	.....	103 40
Weights and Measures . . . . .	.....	.....	.....	.....	.....	701 63
Health Department . . . . .	713 43	785 71	40 00	787 93	\$671 21	.....
Contagious Hospital . . . . .	4,291 86	8,830 50	739 36	8,726 75	3,656 25	.....
Inspection of Milk and Vinegar . . . . .	171 50	2,211 50	.....	2,011 50	371 50	32 50
Sanitary Department . . . . .	.....	400 00	.....	400 00	.....	2,756 80
Sanitary Buildings . . . . .	.....	839 14	.....	639 14	200 00	.....
Sewers Maintenance . . . . .	.....	.....	.....	.....	.....	.....
Sewers Construction . . . . .	.....	.....	.....	.....	.....	.....
Highway Maintenance . . . . .	595 57	24,818 04	16 25	23,433 86	1,963 50	.....
Highway Buildings . . . . .	.....	230 00	.....	230 00	.....	.....
Sidewalks Maintenance . . . . .	.....	99 86	.....	64 45	35 41	.....
New Sidewalks . . . . .	.....	363 63	.....	363 63	.....	.....
Street Sprinkling (Private Streets)	.....	59 04	.....	59 04	.....	.....
Welfare Misc. (Comm. of Mass.)	14,213 72	27,876 33	235 24	31,971 54	9,883 27	.....
Welfare Miscellaneous . . . . .	2,491 28	7,463 98	444 84	5,183 11	4,327 31	.....
Welfare, City Home . . . . .	76 43	4,484 64	99 42	4,187 22	274 43	2,632 46
School Department . . . . .	1,341 33	11,950 27	332 34	11,712 10	1,247 16	47 72
School Buildings . . . . .	37 00	1,144 50	72 00	1,109 50	.....	.....
Libraries . . . . .	.....	.....	.....	.....	.....	2,130 83
Bathhouse . . . . .	.....	25 00	.....	25 00	.....	610 25
Shower Baths . . . . .	.....	.....	.....	.....	.....	405 80
	\$24,276 11	\$93,807 14	\$1,985 94	\$93,467 27	\$22,630 04	\$12,340 48

## REVENUE LOANS

## In anticipation of Revenue

Balance from 1923 . . . . .	\$600,000 00
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Borrowed by authority of an order of the  
Board of Aldermen on city notes, as  
follows:

Nos. 1167-1172	244 days @ 3.96	disct.	\$200,000 00
1173-1196	229 " 4.03	"	500,000 00
1197-1212			
1215-1218	196 " 4.00	"	300,000 00
1219-1224	168 " 3.50	"	150,000 00
1225-1228	182 " 3.00	"	200,000 00
1229-1230	197 " 2.39	"	100,000 00
1231-1232	223 " 2.39	"	100,000 00
1233-1234	251 " 2.39	"	100,000 00
1235-1236	258 " 2.34	"	100,000 00
1237-1238	288 " 2.34	"	100,000 00
1239-1240	173 " 2.82	"	100,000 00
			<hr/> 1,950,000 00

\$2,550,000 00
<hr/> 1,950,000 00

Paid notes maturing in 1924 . . . . .	
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Maturing in 1925 . . . . .	\$600,000 00
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Amount paid for discount on amount borrowed in 1924 . . . . .	\$39,610 16
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Notes average 216 150-195 days and the  
average rate . . . . . 3.38—

Average for 1923, 200 135-185 days and  
average rate . . . . . 4.07+

The funded debt December 31, 1924, was \$1,579,000 00  
classified as follows:

Met. Park Asst. Loan at 3½ per cent . . . . .	\$5,000 00
Lowell Street Bridge at 3½ per cent . . . . .	25,000 00
Sewer at 3½ per cent . . . . .	38,000 00
Sewer at 4 per cent . . . . .	90,000 00
Sewer at 4¼ per cent . . . . .	19,000 00
City at 3½ per cent . . . . .	8,000 00
City at 4 per cent . . . . .	122,000 00
Highway at 3½ per cent . . . . .	14,000 00
Highway at 4 per cent . . . . .	56,000 00
Highway at 4½ per cent . . . . .	20,000 00
Highway at 5 per cent . . . . .	65,000 00
City Hall Addition at 4 per cent . . . . .	72,000 00
City Hall Addition at 4¼ per cent . . . . .	70,000 00
Public Building at 4 per cent . . . . .	120,000 00
Public Building at 4½ per cent . . . . .	55,000 00
Schoolhouse at 4 per cent . . . . .	800,000 00

## Funded debt within the limit fixed by law

Lowell Street Bridge . . . . .	\$25,000 00	
Sewer . . . . .	144,000 00	
City . . . . .	130,000 00	
Highway . . . . .	155,000 00	
City Hall Addition . . . . .	142,000 00	
Public Building . . . . .	175,000 00	
Schoolhouse . . . . .	800,000 00	
	<hr/>	\$1,571,000 00

## Beyond limit fixed by law

Sewer (Chap. 357, Acts 1895) . . . . .	\$3,000 00	
Met. Park Asst. (Chap. 325, Acts 1902) . . . . .	5,000 00	
	<hr/>	\$8,000 00
		<hr/>
		<u>\$1,579,000 00</u>



## OUTSTANDING BONDS DECEMBER 31, 1924

	City	Sewer	Sewer Outside	Park Outside	Bridge	Highway	Addition	Pub. Bldgs.	School	Total
1925	\$23,000	\$17,000	\$3,000	\$1,000	\$1,000	\$35,000	\$8,000	\$18,000	\$45,000	\$151,000
1926	19,000	15,000	.....	1,000	1,000	30,000	8,000	18,000	45,000	137,000
1927	19,000	14,000	.....	1,000	1,000	22,000	8,000	17,000	45,000	127,000
1928	17,000	12,000	.....	1,000	1,000	19,000	8,000	16,000	44,000	118,000
1929	16,000	11,000	.....	1,000	1,000	19,000	8,000	16,000	44,000	116,000
1930	15,000	10,000	.....	.....	1,000	15,000	8,000	16,000	44,000	109,000
1931	12,000	10,000	.....	.....	1,000	10,000	8,000	15,000	44,000	100,000
1932	9,000	8,000	.....	.....	1,000	5,000	8,000	15,000	44,000	90,000
1933	.....	8,000	.....	.....	1,000	.....	8,000	14,000	43,000	74,000
1934	.....	8,000	.....	.....	1,000	.....	7,000	14,000	43,000	73,000
1935	.....	7,000	.....	.....	1,000	.....	7,000	8,000	43,000	66,000
1936	.....	6,000	.....	.....	1,000	.....	7,000	4,000	43,000	61,000
1937	.....	6,000	.....	.....	1,000	.....	7,000	4,000	43,000	61,000
1938	.....	4,000	.....	.....	1,000	.....	7,000	.....	43,000	55,000
1939	.....	3,000	.....	.....	1,000	.....	7,000	.....	43,000	54,000
1940	.....	2,000	.....	.....	1,000	.....	7,000	.....	43,000	53,000
1941	.....	1,000	.....	.....	1,000	.....	7,000	.....	43,000	52,000
1942	.....	1,000	.....	.....	1,000	.....	7,000	.....	43,000	52,000
1943	.....	1,000	.....	.....	1,000	.....	7,000	.....	15,000	24,000
1944	.....	.....	.....	.....	1,000	.....	.....	.....	.....	1,000
1945	.....	.....	.....	.....	1,000	.....	.....	.....	.....	1,000
1946	.....	.....	.....	.....	1,000	.....	.....	.....	.....	1,000
1947	.....	.....	.....	.....	1,000	.....	.....	.....	.....	1,000
1948	.....	.....	.....	.....	1,000	.....	.....	.....	.....	1,000
1949	.....	.....	.....	.....	1,000	.....	.....	.....	.....	1,000
	<u>\$130,000</u>	<u>\$144,000</u>	<u>\$3,000</u>	<u>\$5,000</u>	<u>\$25,000</u>	<u>\$155,000</u>	<u>\$142,000</u>	<u>\$175,000</u>	<u>\$800,000</u>	<u>\$1,579,000</u>

## BONDS DUE IN 1925

	January	April	July	October	Total
Met. Park .	.....	.....	\$1,000 00	.....	\$1,000 00
Lowell Street Bridge .	.....	\$1,000 00	.....	.....	1,000 00
Sewer .	\$3,000 00	9,000 00	8,000 00	.....	20,000 00
City .	2,000 00	14,000 00	7,000 00	.....	23,000 00
Highway .	8,000 00	25,000 00	2,000 00	.....	35,000 00
City Hall Addition	.....	.....	.....	\$8,000 00	8,000 00
Public Bldg.	5,000 00	5,000 00	8,000 00	.....	18,000 00
Schoolhouse	15,000 00	17,000 00	.....	13,000 00	45,000 00
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
	\$33,000 00	\$71,000 00	\$26,000 00	\$21,000 00	\$151,000 00

## BOND INTEREST DUE IN 1925

	January	April	July	October	Total
Met. Park .	\$87 50	.....	\$87 50	.....	\$175 00
Lowell Street Bridge .	.....	\$437 50	.....	\$420 00	857 50
Sewer .	550 00	2,318 75	495 00	2,142 50	5,506 25
City .	1,440 00	1,140 00	1,400 00	870 00	4,850 00
Highway .	325 00	3,115 00	185 00	2,555 00	6,180 00
City Hall Addition	.....	2,927 50	.....	2,927 50	5,855 00
Public Bldg.	2,677 50	960 00	2,577 50	860 00	7,075 00
Schoolhouse	5,700 00	10,300 00	5,400 00	9,960 00	31,360 00
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
	\$10,780 00	\$21,198 75	\$10,145 00	\$19,735 00	\$61,858 75

## BONDS OUTSTANDING DECEMBER 31, 1924

## With Interest to Maturity

	Bonds	Interest	Total
Metropolitan Park .	\$5,000 00	\$525 00	\$5,525 00
Lowell Street Bridge .	25,000 00	10,937 50	35,937 50
Sewer .	147,000 00	35,151 25	182,151 25
City .	130,000 00	18,930 00	148,930 00
Highway .	155,000 00	20,570 00	175,570 00
City Hall Addition .	142,000 00	57,537 50	199,537 50
Public Bldg. .	175,000 00	40,850 00	215,850 00
Schoolhouse .	800,000 00	295,680 00	1,095,680 00
	<hr/>	<hr/>	<hr/>
	\$1,579,000 00	\$480,181 25	\$2,059,181 25

## YEARLY BOND MATURITIES WITH INTEREST

Date Due	Principal	Interest	Total
1925.....	\$151,000 00	\$61,858 75	\$212,858 75
1926.....	137,000 00	55,973 75	192,973 75
1927.....	127,000 00	50,516 25	177,516 25
1928.....	118,000 00	45,463 75	163,463 75
1929.....	116,000 00	40,651 25	156,651 25
1930.....	109,000 00	36,006 25	145,006 25
1931.....	100,000 00	31,748 75	131,748 75
1932.....	90,000 00	27,901 25	117,901 25
1933.....	74,000 00	24,453 75	98,453 75
1934.....	73,000 00	21,486 25	94,486 25
1935.....	66,000 00	18,641 25	84,641 25
1936.....	61,000 00	16,073 75	77,073 75
1937.....	61,000 00	13,603 75	74,603 75
1938.....	55,000 00	11,173 75	66,173 75
1939.....	54,000 00	8,983 75	62,983 75
1940.....	53,000 00	6,831 25	59,831 25
1941.....	52,000 00	4,716 25	56,716 25
1942.....	52,000 00	2,621 25	54,621 25
1943.....	24,000 00	846 25	24,846 25
1944.....	1,000 00	192 50	1,192 50
1945.....	1,000 00	157 50	1,157 50
1946.....	1,000 00	122 50	1,122 50
1947.....	1,000 00	87 50	1,087 50
1948.....	1,000 00	52 50	1,052 50
1949.....	1,000 00	17 50	1,017 50
	<u>\$1,579,000 00</u>	<u>\$480,181 25</u>	<u>\$2,059,181 25</u>

## MEMORANDUM OF PAYMENTS IN 1924 ON ACCOUNT OF DEBT

	Principal	Interest	Total
Bonds, General City Debt	\$161,156 50A	\$67,837 43B	\$228,993 93
Revenue Loans . . . . .	.....	39,610 16	39,610 16

On account of  
Metropolitan District Debt:

Sewers . . . . .	24,828 21	29,924 89	54,753 10
Park . . . . .	3,602 35	14,928 29	18,530 64
Wellington Bridge . . . . .	1,265 00	75 90	1,340 90
Charles River Basin . . . . .	310 09	3,588 64	3,898 73
Alewife Brook . . . . .	818 39	207 69	1,026 08
Water . . . . .	14,656 40	85,035 59	99,691 99

Somerville's proportion  
for debt requirements:

In State Tax . . . . .	17,958 51	23,909 75	41,868 26
In County Tax . . . . .	4,283 66	4,656 15	8,939 81
	<u>\$228,879 11</u>	<u>\$269,774 49</u>	<u>\$498,653 60</u>

A. \$3,343.50 premium applied as a deduction.

B. \$428.82 accrued interest applied as a deduction.

## TREASURY DEPARTMENT, 1924

Appropriated in budget . . . . .		\$25,000 00
Salaries and Wages:		
Treasurer and Collector . . . . .	\$4,000 00	
Deputy Collector . . . . .	2,200 00	
Cashiers . . . . .	2,772 29	
Clerks . . . . .	10,118 05	
Other Expenses:		
Books, postage and supplies . . . . .	2,929 55	
Printing . . . . .	947 08	
Telephone . . . . .	155 68	
Bonds . . . . .	608 16	
Carfares . . . . .	13 40	
All other . . . . .	71 92	
Special Items:		
Adding machine . . . . .	330 26	
Check protector . . . . .	39 20	
Time lock and repairing safe . . . . .	22 70	
Convention expenses . . . . .	34 90	
Tracing addresses . . . . .	215 00	
Advertising and recording tax sale . . . . .	231 88	
Repairing machines . . . . .	31 98	
News Bureau . . . . .	18 00	
	<hr/>	
	\$24,740 05	
Balance . . . . .	259 95	
	<hr/>	
		\$25,000 00

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**UNGRADED SERVICE****Attendants on Part Time**

CHARLES KELLEY  
DOROTHY W. CROSBY  
MIRIAM P. BROWN

NONA KELLEY  
M. ABBY HALL  
JOHN C. MYLES

---

**MEMBERS OF THE TRAINING CLASS**

FRANCES BROWN  
HILDA O. EASTMAN

HELEN L. HOSMER  
ETHEL B. LEWIS

ANGELA Q. MARCHESI  
IRENE SMITH

NOTE:—For changes in staff personnel during year see Librarian's report.

### Report of the Trustees

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To the Honorable, the Mayor, and the Board of Aldermen of  
the City of Somerville:

Gentlemen: The fifty-second annual report of the trustees of the public library is herewith respectfully submitted; being the report of the librarian and tables of statistics of operation for the year, 1924.

Very respectfully,

The Board of Trustees, by,

THOMAS M. DURELL,

President.

## REPORT OF THE LIBRARIAN

Gentlemen of the Board of Trustees:—

The fifty-second annual report of the Somerville Public Library, being that for the year 1924, is herewith submitted.

The outstanding feature of the year is the completion of the interior of the Central building by the mural decoration of the main hall and entrance. In the report of last year attention was called to the long postponement of this work. It is a great satisfaction, therefore, to state that it has now been done in a manner both technically excellent and artistically notable. The citizens of Somerville have every reason for pride in the present appearance of their central library building. For beauty and utility it is probably unsurpassed, and perhaps not equaled, in any city of our class. A detailed description was published in the Reader's Mentor section of the May Bulletin, and it is proposed to reprint this with additions as a separate leaflet for general distribution. It may be proper, however, to include in this report a brief description as a matter of formal record, and for the benefit of our numerous exchanges.

The outstanding architectural feature of our building the Parthenon frieze, extending around the top of the clere-story, determined the motif of the decorative design. The frieze is a reproduction in actual size of a portion of the famous original. The opportunity was obvious to carry out in color as well as in form an actual, historical reproduction, an idea in accord with the educational aims of the library. The artist made a careful study of the color reproduction in the Metropolitan Museum of New York, and has followed that model. The walls have been kept in harmony by the adoption of the Grecian design found in a room of a building excavated in the village of Bosco Reale near Pompeii. Other architectural features have been treated in the same manner. The work was done by the P. Holdensen Co. of Boston at an expense of \$6,765, of which \$6,007 was provided by the department of Public Buildings, and \$758. from trust funds left to the library for art purposes. Advantage was taken of this opportunity to move the Sam Walter Foss memorial tablet from its former somewhat secluded position to a more prominent and better lighted one in the vestibule at the foot of the main entrance stairway, where it is now the first thing that greets the eye of a visitor to the library.

Granolithic walks from Highland Ave., and from Medford St. have been laid during the summer by the Park depart-

ment, and the grounds have been further embellished by the planting of barberry hedges.

Much needed repairs have been made to the building and grounds of the East Somerville Branch. The boisterous racing of children around the building under the windows has been stopped by the erection of a substantial fence. Another item of great importance, though appearing to the casual observer of minor interest, is the whitening of the ceiling. Any room that is lighted by indirect or semi-indirect systems is dependent for efficiency upon a ceiling that reflects a maximum of diffused light. It is necessary, therefore, that such ceiling be kept in good condition. The improvement in the light has been most gratifying, to the staff on account of bettered working conditions and to the visiting readers who had begun to grumble about the failing light. A further need that we hope may be met at this branch is that of awnings for the front windows. The southwestern exposure produces extreme degrees of heat and glare in the summer months.

The Union Square branch is greatly in need of painting, both inside and out. This is in some respects one of our pleasantest buildings. It is spacious, amply lighted, and is set in a large lot shaded with ancient elms. An outside coat of paint of a less dingy color than at present, and the cleanliness that inside painting brings would add much to its natural attractiveness.

Painting of the outside woodwork at the West Somerville branch has greatly improved the appearance of the building, and has stayed the rapid deterioration that had already become evident.

On October 15 of last year the library was obliged to curtail its open hours in the branches on account of the number of employees tempted away by the better pay prevailing in other libraries, and by our inability to replace them by properly trained library assistants at the salaries offered. In January of this year a general increase averaging about ten per cent. was approved by the Mayor. We then began gradually to recruit our staff. It was a slow process, and we have had to be satisfied for the most part with young and under-experienced workers. Our rehabilitation has been more evident in numbers than in maturity of experience. Nevertheless we again felt ourselves strong enough to resume full-time service in the branches on September 15.

It was of course to be expected that our circulation would be affected by the shortened hours, and also by the presence of painters' staging completely filling the main hall of the Central library. Such was the case. West and East branches



were the worst sufferers, while Central and Union Square showed slight increases. Those interested in the actual figures are referred to the tabulated statistics at the end of the report.

The Librarian has made a study of the relative support of the different branches as compared with what may be termed their earning capacity. The results are sufficiently enlightening for inclusion here. Fundamentally our business is to deal in knowledge as recorded in books. While not the only index of the library's usefulness in the community, the use of books is the closest to its purpose and is the best test so far devised. Our survey compares the amounts allowed for the purchase of books with the actual use of them at the several branches.

	West	East	Union
Amount spent for books in 1923 .	\$1,494	\$1,175	\$1,343
Number of registered borrowers .	4,791	2,240	2,381
Number of books circulated .	106,319	67,788	68,336

Expressed in another way the meaning of these figures becomes more significant.

	West	East	Union
For every book circulated the branch spent for new books .	\$ .014	\$ .017	\$ .019
For every borrower registered the branch spent for new books .	\$ .31	\$ .48	\$ .56

The foregoing figures support the insistent demand of West for more books. Its earning capacity is not at present recognized by a financial support relatively equal to that of the other branches.

Changes of personnel in the staff during the year have been as follows:

Appointments to the Graded service: Katherine E. Hunt, Chief Cataloger; Desier C. Moulton, 1st Assistant at West; Elsie K. Wells, Reference Assistant; Irma P. Traphagen and Maurene Chenoweth, Senior Assistants; Marjorie E. Jacot, Margaret Wentworth, Elsie G. Umpleby, Miriam G. Howard, C. Evelyn Bamford, Junior Assistants.

Resignations from the Graded service: Gladys B. Hastings, Supervisor of Children's Work; Nelly Cumming, Chief Cataloger, Corinne Mead, Children's Librarian; Grace N. Smith, Lorna W. Smith and Eleanor M. Dean, Senior Assistants; Marjorie E. Jacot, Junior Assistant.

Promotions in the Graded service in regular course under the provisions of the Scheme of Service: Mabel E. Bunker to Branch Librarian at East, Corinne Mead to Reference Assistant, Elsie K. Wells to Acting Branch Librarian at East,



Helen Farrar to Assistant Cataloger, Mildred Bowley to Supervisor of Periodicals and Binding, Dorothy H. Terry to 1st Assistant at East, Alice W. Hamilton to Children's Librarian at West, E. Marion Akerley and Elsie L. Knox to Senior Assistants.

Appointments to the Ungraded Service; Margaret E. Soar, Ralph H. Hattfield, Wynnette M. Alden, Margaret G. Walsh, Robert A. Rounds, Unetta Quinn and Margaret M. Collins each to the position of page.

Resignations from the Ungraded service; Hazel M. Wythe, Gwendolen Dunn, Wynnette M. Alden and Margaret G. Walsh

The Mayor's appointments to the Board of Trustees for the term of three years beginning 1924 were Messrs. Giles W. Bryant, M. D., Leon M. Conwell and George E. Whitaker. The last named is cordially welcomed as a new member.

During the month of May the library again exhibited portraits and other paintings by Miss Marguerite S. Pearson of 396 Broadway, Somerville, to the great pleasure of a large number of interested visitors.

For the information of the public we insert here the action of the Board of Trustees relative to the conditions under which applications of exhibitors will be considered.

At the regular meeting, May 6, 1924, it was

"Voted: That with respect to the use of the library buildings for exhibition purposes the policy of the Board of Trustees shall be governed by the following considerations:

No exhibitions may be accepted that advertise goods for sale, nor that promote partisan or sectarian beliefs.

The library will not make an initial exhibit of the work of any person, thereby constituting itself a judge of art, but it will consider the claims of one whose work has been accepted by a recognized institution of high standing, such as the Boston Museum of Fine Arts, or the Art Club."

The annual training class began its work on October 6 with six members, namely: Frances Brown, Hilda O. Eastman, Helen L. Hosmer, Ethel B. Lewis, Angela Q. Marchese, and Irene Smith. With the approval of the Mayor we have happily been able to employ Miss Hastings to continue her usual course of 24 lectures and class sessions in children's work. The loss of Miss Hastings as Supervisor of Children's Work is a very serious one. It will be difficult to fill this vacancy with one who can bring to it an equal degree of

trained knowledge of the work, diligent application, and the qualities of intelligent leadership which she displayed.

The extended absence of the librarian on account of ill health during the summer months, and just at the time when the work of interior decoration brought its own special problems, subjected the library organization to a test of its efficiency. There has never been any question of the loyalty and devotion of the staff, and the machinery of operation has now also demonstrated that it is capable of functioning with perfect smoothness when another hand is at the throttle. The Trustees have placed upon record and have transmitted to the staff an expression of their appreciation, and the librarian now takes special pleasure in making public acknowledgment of the steadfast loyalty of his associates in the library service.

Statistics of operation for 1924 are appended as a part of this report.

Respectfully submitted,

GEORGE H. EVANS,

Librarian.

# The Public Library of the City of Somerville

## APPENDIX A

### Statistics of Use and Growth

#### Circulation

	Central	West	East	Union	Schools	Total
Volumes circulated, adult	115,167	74,121	42,538	33,882	848	266,056
Volumes circulated, juvenile	41,033	27,615	21,551	37,697	46,105	174,001
Total circulation (A. L. A. rules)	156,200	101,736	64,089	71,079	46,953	440,057

#### Accessions

	Central	West	East	Union	Total
Volumes in library, Dec 31, 1923	87,748	14,180		7,116	6,603
Volumes added	4,413	1,224	859	1,415	7,911
Volumes transferred to	25	2	7	1	35
Volumes restored	28	7	3	0	38

Total additions	4,466	1,233	869	1,416	7,984
Volumes withdrawn	2,780	757	681	714	4,932
Volumes transferred from	10	0	0	25	35
Volumes lost	814	46	557	124	1,541

Total reductions	3,604	803	1,238	863	6,508
Net gain			430		553
Net loss				369	

Volumes in library, Dec. 31, 1924	88,610	14,610	6,747	7,156	117,123
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#### Registration

	Central	West	East	Union	Total
Borrowers registered Dec. 31, 1923	6,570	4,791	2,440	2,381	16,182
Expirations in 1924	3,109	2,291	1,208	1,178	7,786
Registrations in 1924	3,407	2,446	1,324	1,341	8,518
Borrowers registered Dec. 31, 1924	6,868	4,946	2,556	2,544	16,914

Per capita expenditure for library service	\$0.563	Expenditures in Library Department			\$0.127
		Expenditure per book lent			

## APPENDIX B

## American Library Association Form for Uniform Statistics

Annual report for year ended December 31, 1924

Name of library: The Public Library of the City of Somerville, Mass.

City: Somerville

State: Massachusetts

Name of librarian: George Hill Evans

Date of founding . . . . . 1872

Population served (latest estimate) . . . . . 100,000

Assessed valuation of city . . . . . \$99,311,000 00

Rate of tax levy for library purposes: 71 cents on each  
\$1,000 valuation

Terms of use: Free for lending

Free for reference

Total number of agencies . . . . . 182

Consisting of Central Library . . . . . 1

Branches . . . . . 3

High School Department . . . . . 1

School Rooms . . . . . 172

Institutions . . . . . 5

Number of days open during year (Central Library) 304

Hours open each week for lending (Central Library) 72

Hours open each week for reading (Central Library) 72

## INCREASE

Number of volumes at beginning of year . . . . . 115,647

Number of volumes added during year by purchase 7,690

Number of volumes added during year by gift or ex-  
change . . . . . 141Number of volumes added during year by binding ma-  
terial not otherwise counted . . . . . 80Number of volumes added during year by lost books  
restored . . . . . 38

Number of volumes lost or withdrawn during year . . . . . 6,473

Total number at end of year . . . . . 117,123

## USE

	Adult	Juvenile	Total
Number of volumes of fic- tion lent for home use	197,691	96,840	294,531

Total number of volumes lent for home use .	266,056	174,001	440,057
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Number of pictures, photo- graphs and prints lent for home use . . . .			2,702
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## REGISTRATION

	Adult	Juvenile	Total
Number of borrowers reg- istered during year .	4,512	4,006	8,518

Total number of regis- tered borrowers . . .	9,228	7,686	16,914
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Registration period, years			2
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Number of periodicals and newspapers currently received:	
Titles . . . . .	246
Copies . . . . .	528
Number of publications issued during year:	
Bulletins . . . . .	8
Other . . . . .	1
Number of staff, library service . . . . .	41
Number of staff, janitor service . . . . .	6

**FINANCE**

## Receipts from:

City tax levy:	
Library Department . . . . .	\$51,293 90
Public Buildings Department . . . . .	19,900 00
Endowment Funds . . . . .	1,789 60
Fines . . . . .	2,130 83
Other sources (Dog licenses) . . . . .	2,145 27
Total . . . . .	<u>77,259 60</u>

## Payments for:

## Library Department:

Books . . . . .	\$11,204 31
Periodicals . . . . .	1,213 65
Pictures . . . . .	21 47
Music . . . . .	180 28
Binding . . . . .	2,886 85
Salaries, library service . . . . .	37,148 01
Supplies . . . . .	930 09
Printing . . . . .	867 14
Telephone . . . . .	221 01
Transportation, postage, express, freight, etc. . . . .	1,289 34
Other maintenance . . . . .	286 32
Mural decorations . . . . .	758 00
Total . . . . .	<u>57,006 47</u>

## Public Buildings Department:

Salaries, janitor service . . . . .	\$7,603 38
Heat . . . . .	2,792 25
Light . . . . .	2,106 95
Furniture . . . . .	194 83
Permanent improvements . . . . .	6,168 63
Other maintenance . . . . .	347 45

Total . . . . . \$19,213 49

Total maintenance . . . . . 76,219 96

Balance from Appropriation, Library Dept. \$ 1 97

Balance from Endowment Funds . . . . . 351 16

Balance from Appropriation, Public Buildings Department . . . . . 686 51

Total balance . . . . . 1,039 64



## REPORT OF SANITARY DEPARTMENT

---

January 17, 1925.

To the Honorable, the Mayor, and the Board of Aldermen of  
the City of Somerville.

Gentlemen:

The report of the Sanitary Department for the year 1924  
is respectfully submitted herewith.

### Collection of Ashes and Paper

	Ashes (Cubic Yards)	Paper (Cubic Yards)
January . . . . .	14,885	4,760
February . . . . .	13,862	3,840
March . . . . .	13,044	4,760
April . . . . .	13,244	3,900
May . . . . .	11,231	4,600
June . . . . .	8,071	3,840
July . . . . .	8,210	4,920
August . . . . .	6,984	4,760
September . . . . .	7,294	3,840
October . . . . .	9,276	4,120
November . . . . .	9,772	3,940
December . . . . .	14,520	3,630
	<hr/> 130,393	<hr/> 50,910

During the year the Sanitary Department paid to the  
Highway Department \$3,310.13 for the use of teams and  
\$1,287.75 for board of horses.

The paper and combustible materials are being disposed  
of at the incinerator plant, the city receiving a revenue of  
\$400. per year for the paper. The garbage is collected by  
contract, twice a week from May 15th to October 15th and  
once a week for the period from October 15th to the following  
May 15th. Ashes and non-combustible refuse are collected  
principally with automobile trucks on account of the distance



to the dumps used by the department which are located in Medford and subject to the rules and regulations of the Board of Health of the City of Medford.

The Medford dumps are fast filling up and I recommend that Somerville take action in the near future to provide dumping facilities for its refuse.

Respectfully submitted,

EDGAR T. MAYHEW,

*Supt. of Sanitary Dept.*

## REPORT OF SOMERVILLE PLANNING BOARD

---

December 31, 1924.

To His Honor, the Mayor, and Board of Aldermen.

Gentlemen:

As required by the provisions of Chapter 494 of the Acts of 1913 the Planning Board herewith submits its annual report, together with recommendations for the year 1925, as herein contained.

### Organization

The Planning Board met and organized for the year 1924, the following members being present; John Williamson, George J. Rauh, Benjamin J. Surett and David J. Kelley. The Board elected John Williamson Chairman and David J. Kelley Secretary for the ensuing year.

### Previous Recommendations

During the year 1924 the Planning Board has had monthly meetings, but has been unable to go forward and complete its plans already begun with reference to zoning the city for the reason that the city government failed to provide sufficient funds for that purpose. This was due in large measure to failure on the part of the Board of Aldermen to take any definite action on the recommendations previously made by the Planning Board, with particular reference to two matters;

1. The matter of establishment of fire districts, which were greatly needed.
2. The enactment of a suitable building code ordinance.

For these reasons His Honor, the Mayor felt that it would be useless to spend more of the city's money until the Board of Aldermen had taken some action based upon the recommendations made by the Planning Board.

However, at the December meeting of the Board of Aldermen an ordinance was enacted, establishing Fire Districts throughout the city, and the Mayor and Board of Aldermen are to be commended for this first step, which will provide future fire protection to our city, and in time will bring about

a reduction in the high rate now paid for fire insurance premiums.

No action has been taken in reference to the building code submitted by the Planning Board for approval by the Board of Aldermen.

In addition to the recommendations above mentioned, the Planning Board has also previously made the following recommendations :

- a. Establishment of playgrounds in different sections of the city.
- b. Mystic River Development.
- c. Survey of the city, with special reference to information on real estate assessments.
- d. Enactment of a zoning ordinance.

#### Playgrounds

During the year 1924 the city government has taken action in one section of the city by purchasing an area in Ward 6 for playground development, but there are other sections of the city still needing service, as shown on the Planning Board plans in its office at City Hall. The Planning Board would be very glad to cooperate with a committee from the Board of Aldermen in reference to selecting suitable sites for playgrounds in different sections of the city, in accordance with information already available, so that the most desirable sites can be selected, which will give accommodations to the greatest number of children.

#### Mystic River Development

During the year there has also been a change in reference to the Mystic River, and plans are now under way for the development of land bordering on the river, which will mean additional taxable property, for the City of Somerville, and also additional responsibilities and expenses in connection with the development which is about to take place. The Planning Board again urges upon the city government the necessity of taking some land on the river front to be utilized as a wharf by the city, before any new buildings or other development has taken place which would increase the damages to be paid for the taking.

#### Survey of the City

Nothing has as yet been done on the recommendation of the Planning Board for a survey of the city, especially with

reference to assessing of real estate. The City of Somerville is far behind the times in its present system of assessing real estate, as the method of assessment is more or less haphazard, **and has depended in the nature of things on the individual judgment of the assessor or assessors who have had the work in hand.** The neighboring City of Cambridge has at present the so called block system in operation, which has the city blocked off into districts, and has different land variously assessed according to the district on a scientific plan. While the Planning Board does not recommend the adoption of that particular system for Somerville, it, however, again strongly recommends that the Board of Aldermen take some action towards having a scientific survey of the city made, and a plan devised and carried into effect, which will equalize the assessment of real estate throughout the city, and relieve the present inequitable and unfair situation on assessment of real estate. This observation is in no way a criticism of the present Board of Assessors, as the Board is of the opinion that it is impossible for them to do any differently, unless they have assistance such as is outlined above.

#### Enactment of A Zoning Ordinance

The last report of the Department of Commerce at Washington shows that approximately twenty-four million people living in two hundred and sixty-one municipalities throughout the United States are now enjoying the benefits of zoning. This report also shows that the greatest zoning center is in New York State, and Northern New Jersey, having the City of New York as its hub. In view of these facts, it is fair to say that the argument advanced against zoning by opponents of that measure to the effect that the City of Somerville is all built up, and thickly populated, has little or no weight, when we realize that the places where the zoning laws are being enacted, and are now in effect are more populous and more thickly built on than the City of Somerville. The idea of zoning has made a strong appeal in many states in the United States, and here in Massachusetts many of our cities have passed zoning ordinances. We have at the present time twenty-four cities and towns in Massachusetts that have been zoned, including among them the City of Boston, City of Cambridge and City of Medford, all adjoining cities. The Town of Arlington and Town of Belmont have also passed zoning ordinances, so that the City of Somerville is surrounded by towns and cities that have passed zoning ordinances that are now in effect. Although the City of Somerville on April 28, 1923 employed the Technical Advisory Corporation of New



York to make a survey of this city for the purpose of furnishing information to be used later in drafting a zoning ordinance, Boston, Medford and Arlington, although they completed their work later than Somerville, have been able to enact a zoning ordinance, while we are standing still, due to the inactivity of our Board of Aldermen.

This information is still available, but if we delay much longer it will mean this work accomplished at great expense will have to be done over again. The Planning Board again strongly recommends that a sufficient appropriation be made for the completion of our zoning laws, and that it be done without further delay.

The other objection that was made to the zoning law was that it had not been tried out, and might be illegal and unconstitutional. Both of these questions have been taken care of by recent decisions of the Supreme Judicial Court of Massachusetts, in the case of Spector vs Building Inspector of Milton, by decision filed Oct. 18, 1924, also Building Inspector of Lowell vs Joseph Stokloska, filed on the same date. Both of these cases passed on the legality of zoning, and also the constitutionality of the zoning ordinance.

However, the court says in both cases that the zoning ordinance must be drafted as a result of a general, comprehensive plan carried out and enacted at one time, and covering the whole city, and not the result of haphazard or piecemeal legislation. The court in its opinion said that the enactment of a zoning ordinance was for the purpose of safeguarding the owners of homes within residential districts, and prevent the destruction of residential neighborhoods, so that the owners of the land in that area will not by their actions interfere with the ordinary comfort that should be obtained in residential districts for the health, safety and welfare of the public. The ordinance can also provide that districts can be changed from time to time as circumstances and conditions would warrant, so that the future growth and development of the city will not be hindered by the enactment of the ordinance.

#### Recommendations

The Planning Board again urges upon the city government the necessity of taking action according to the following recommendations:

1. A survey by a committee of the Board of Aldermen and the Planning Board for the purpose of picking desirable sites for playgrounds.

2. Pending the operation of a zoning ordinance the Board of Aldermen should have in mind the following observations;
  - a. Public garages should be confined to business and industrial districts.
  - b. No garage for more than five cars should have an entrance or exit within two hundred feet of a playground, school or church, or within any residential district.
  - c. No machine shop in a public garage may be operated by an engine or motor of over five horse power, and no repair work may be done out of doors on the street side.
  - d. No permits for the establishment of gasoline pumps may be given within twelve feet of the street line.
  - e. All private garages must be kept at least three feet from the side lot line, and set back from the street at least on a line with the houses built on the street, and not be allowed to project out, so that their doors open on the sidewalk.
  - f. There is a tendency to keep on building small stores in different parts of our city, and also small industrial plants, which injure the neighborhood. This practice should be stopped.

In view of these tendencies it cannot be too strongly urged that Somerville immediately undertake the enactment of a zoning ordinance. A properly drawn zoning ordinance will regulate in the public interest the use, height and location of all buildings, and will generally be beneficial to all property owners in the city, and for their greater comfort and protection.

#### Tax Assessments

The Board is of the opinion that the city has outgrown its present system of assessing real estate, although the Somerville system is no worse than those in a majority of Massachusetts cities. Either the Planning Board or a competent special committee should be empowered to make a thorough study of methods and systems for scientifically fixing real estate values, and equalizing assessments, under the guide of specialists, and formulate plans for a new assessment system.

#### Appropriations

The Planning Board is aware that the Mayor and Board of Aldermen are not desirous of spending the money of the citizens unless an adequate return is made therefor. The Planning Board, however, is of the opinion that if it is given sufficient funds to carry out its program as outlined by the recommendations contained in this report the citizens of the city will benefit by the lower taxes and greater fire protection and increased real estate values. The recent enactment of the ordinance creating fire districts recommended in several planning board reports will result in time in greater



fire protection to the citizens. This has been brought about in part through the appropriation made for the Planning Board in 1923. If the Mayor and city government grant the Planning Board a sufficient appropriation this year so that a zoning ordinance may be enacted, it will result in a stabilizing of real estate values throughout the city.

In order to carry out the recommendations contained in this report the Planning Board asks the cooperation of the city government by the appropriation of the sum of Ten thousand dollars, in order that it may during the coming year submit a permanent zoning ordinance, and also submit a new code of building laws. If the recommendations contained herein with reference to assessment of real estate meets with the approval of the Mayor and Board of Aldermen the Planning Board requests that a special appropriation of Five thousand dollars be set apart for this purpose, so that the Planning Board may work together, either with the city government or experts, and submit a plan for a new system for assessment of real estate.

Respectfully submitted,

JOHN WILLIAMSON, *Chairman.*

GEORGE J. RAUH.

DAVID J. KELLEY, *Secretary.*

**BOARD OF HEALTH****ORGANIZATION — 1924**

C. A. C. RICHARDSON, M. D., *Chairman*  
WESLEY M. GOFF  
JAMES A. KILEY.

**Executive Clerk**

LAURENCE S. HOWARD

**Assistant Clerk**

OLIVE M. STANLEY

**Agent**

GEORGE I. CANFIELD

**Medical Inspector and Bacteriologist**

FRANK L. MORSE, M. D.

**Inspector of Animals and Provisions**

CHARLES M. BERRY, V. S.

**Inspector of Milk and Vinegar**

HERBERT E. BOWMAN, Ph. G.

**Milk Collector and Dairy Inspector**

WILLIAM H. WALLIS

**Plumbing Inspector**

DUNCAN C. GREENE

**School Nurses**

GRACE M. ANDREWS, R. N.

GLADYS M. GRANT, R. N.

**Health Nurses**

HELEN B. BERRY, R. N.

MARY L. SCOTT, R. N.

GRACE E. PICKERING, R. N.

**Matron at Contagious Hospital**

LILLIAN E. GOULD, R. N.

Office of the Board of Health,  
City Hall Annex, January 2, 1925.

To His Honor, the Mayor, and the Board of Aldermen:—

Gentlemen:—

We respectfully submit the following as the forty-seventh annual report of the Board of Health in which is presented a statement, tabulated and otherwise, of the sanitary condition of the city and the business of the board for the year ending December 31, 1924.

#### Nuisances

A record of the nuisances abated during the year, in compliance with notices issued by the board, or under the board's direction, is presented in the following table:

Complaints referred from 1923 . . . .	15
Complaints received during 1924 . . . .	488
	<hr/>
	503
Complaints referred to 1925 . . . .	1
	<hr/>
Nuisances abated in 1924 . . . .	502
	<hr/>
Second and third notices sent . . . .	23
Received during 1924 . . . .	503
	<hr/>
Total notices sent . . . .	526

In addition to the above, 383 dead animals have been removed from the public streets and private premises. Many nuisances have been abated on verbal notice from the agent, without action by the board, of which no record has been made. Each spring the whole city is examined, and cellars, yards and alleyways where rubbish and filth have collected are required to be cleaned.

#### Record of Licenses and Permits Issued

*GOATS.* Eight applications were received for permits to keep thirteen goats, all of which were granted. The fee is one dollar for each goat.

*HENS.* Forty-seven applications for permits to keep 767 hens were received. Thirty-three to keep five hundred thirty-two hens were granted and fourteen permits were refused.

*GREASE.* Seventeen applications were received for permits for twenty-one teams to collect grease, which were granted. The fee is two dollars for each team.

*MELTING AND RENDERING.* Three parties have been licensed to carry on the business of melting and rendering, for which a fee of one dollar is charged.

*MASSAGE AND MANICURE.* Forty-six persons have been licensed to practice massage and manicure. The fee is one dollar for each license.

*SALE OF ALCOHOL.* The statutes provide that no person firm or corporation other than a registered druggist shall engage in the business of manufacturing, buying, selling or dealing in methyl alcohol, or wood alcohol so called or denatured alcohol, or any preparation containing more than three percent of any of the said alcohols, without being licensed so to do by the board of health.

Under the provisions of this act sixteen licenses have been issued. A fee of one dollar was received for each license.

*BOTTLING. CARBONATED BEVERAGES.* Chapter 303, Acts of 1921 provides that no person shall engage in the manufacture or bottling of carbonated non-alcoholic beverages, soda waters and mineral and spring water without a permit from the board of health. Six such permits were granted, a fee of ten dollars being charged in each case.

#### Stables

No person has the legal right to erect, occupy or use any building in this city, as a stable, without obtaining a license from the board for such occupancy. Each application is referred to the Agent of this board and no license is granted unless all regulations of the board are complied with. The following is a record of applications received and licenses granted:

Applications pending from 1923	1	
Applications received during 1924	4	
		<hr/> 5
Licenses granted	4	
Licenses refused	1	
	<hr/>	5

**Board of Infants**

Fourteen applications having been made to the State Department of Public Welfare for licenses to care for children in this city were referred to this board under provisions of Chapter 119 of the General Laws, and were approved.

**Lying-In Hospitals**

Five applications having been made to the State Department of Public Welfare for licenses to maintain lying-in-hospitals in this city were referred to this board under the provisions of Section 71 of Chapter 111 of the General Laws and were approved.

There were 979 deaths and seventy-three stillbirths in the city during the year, as specified in the following table. This is the lowest number of deaths in any year since 1908 when the estimated population was 75,500 which is an indication of the healthy condition of the city:

Deaths at Somerville Hospital . . . . .	102
Deaths at hospital for contagious diseases . . . . .	7
Deaths at home for aged poor (Highland Ave.) . . . . .	35
Deaths at city home . . . . .	5
Deaths at other institutions . . . . .	54



## Mortality in Somerville in 1924

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
<b>I. EPIDEMIC, ENDEMIC AND INFECTIOUS DISEASES.</b>													
1A Typhoid Fever.....	1												1
8 Scarlet Fever.....	1	1											2
9 Whooping Cough.....	1	1											2
10 Diphtheria.....	2	2		4	1		2				1	2	14
11B Influenza.....		1											1
21 Erysipelas.....		2								1			3
23 Lethargic Eucephalitis.....											1		1
24 Cerebro-Spinal Meningitis.....				1							1		1
31 Tuberculosis of Lungs.....	5	5	5	4	1	5	2	2	1	1	1	3	35
32 Tubercular Meningitis.....					2		1		1		2		2
33 Tuberculosis of Intestines.....					2		1		1				4
34 Tuberculosis of vertebral column.....	1								1	1			3
35 Tuberculosis of joints.....	1												1
36B Tuberculosis of bones.....			1										1
38 Syphilis.....	1				2								3
41 Septicaemia.....			1	2						1	1		5
<b>II. GENERAL DISEASES NOT INCLUDED ABOVE</b>													
43 Cancer of Buccal Cavity.....					1			1				1	3
44 Cancer of Stomach & Liver.....	6	2	2	3	6	5	2	1	3	4	2	2	38
45 Cancer of Intestines.....	2		1	3	1		4		2	2	2		17
46 Cancer of Female Genital Organs.....	3		4		2	3	3	1	1		2	1	20
47 Cancer of breast.....	1	1		1	2		1		1	1	2	2	12
48 Cancer of Skin.....										1			1
49 Cancer of other Organs.....		2		2	1	2	3	2	2	1	2	2	19
50 Brain Tumor.....										1			1
51 Acute Rheumatic Fever.....								1					1
52 Osteoarthritis.....				1									1
57 Diabetes Mellitus.....		1	1				1	2			2		7
58A Pernicious Anæmia.....			1	2	4	2	1	1	1				12
63 Addison's Disease.....									1		1		2
65A Leukemia.....													1
65B Hodgkins Disease.....					1								1
66 Acute Alcoholism.....	1		3	2	2								8
69 Other General Diseases.....											1	2	3
<b>III. DISEASES OF THE NERVOUS SYSTEM AND ORGANS OF THE SPECIAL SENSE.</b>													
71A Meningitis.....			2		1								3
71B Non-Epidemic Cerebro-Spinal Meningitis.....					1								1
72 Tabes Dorsalis.....			1										1
73 Other Diseases of the Spinal Cord.....										1			1
74A Cerebral Hemorrhage.....	12	13	11	7	11	5	4	6	3	7	9	7	95
74B Cerebral Thrombosis.....	1	1		1			1			1	1		6
75 Paralysis.....				3		1		1					5
75A Hemiplegia.....						1		1		1			3
76 General Paralysis of Insane.....					2								2
80 Infantile Convulsions.....		1	1	1	2								5
84 Other Diseases of the Nervous System.....							1				1		2

## Mortality in Somerville in 1924—Continued

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
IV. DISEASES OF THE CIRCULATORY SYSTEM.													
88 Endocarditis & Myocarditis .....	8	3	5	7	9	8	9	1	2	6	4	8	70
89 Angina Pectoris .....	1	1	1	2	2	.....	1	.....	1	.....	4	1	13
90 Other Diseases of the Heart .....	9	11	5	6	3	2	5	2	7	4	6	7	67
91A Aneurysm .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1
91B Arterio Sclerosis .....	11	14	12	14	13	10	9	14	13	14	8	12	144
92 Embolism and Thrombosis .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1
94 Status Lymphaticus .....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	2
V. DISEASES OF THE RESPIRATORY SYSTEM.													
99A Acute Bronchitis .....	.....	1	2	.....	.....	.....	.....	.....	1	1	.....	.....	5
99B Chronic Bronchitis .....	.....	.....	1	.....	.....	.....	.....	.....	.....	2	.....	.....	3
100A Broncho Pneumonia .....	5	6	8	5	5	4	2	1	4	4	4	6	54
101A Lobar Pneumonia .....	9	2	4	10	3	3	1	1	.....	5	6	3	47
101B Unresolved Pneumonia .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1
102 Empyemia .....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1
103 Pulmonary Oedema .....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	2	4
105 Asthma .....	1	.....	1	.....	1	.....	.....	.....	.....	.....	1	.....	4
107 Others included under this title .....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	2	.....	3
VI. DISEASES OF THE DIGESTIVE SYSTEM.													
112 Acute Indigestion .....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	2
113 Diarrhea and Enteritis (under 2 years) .....	.....	.....	.....	.....	1	.....	2	1	.....	.....	2	1	7
114 Diarrhea and Enteritis (2 years and over) .....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	3
117 Appendicitis .....	.....	.....	.....	1	.....	.....	1	.....	.....	1	1	1	5
118A Hernia .....	.....	.....	.....	.....	.....	.....	.....	0	.....	1	.....	1	2
118B Intestinal Obstruction .....	.....	1	1	.....	.....	.....	.....	1	.....	1	.....	.....	4
122B Cirrhosis of Liver .....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	2
123 Biliary Calculi .....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1
124 Other Diseases of the Liver .....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	1	3
126 Peritonitis .....	1	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	3
VII. NON VENEREAL DISEASES OF THE GENITO-URINARY SYSTEM AND ANNEXA.													
129 Nephritis .....	3	3	3	4	3	5	7	2	2	1	6	6	45
131 Other Diseases of the Kidneys .....	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....	2
138 Salpingitis .....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1
VIII. THE PUERPERAL STATE													
144 Puerperal Hemorrhage .....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1
145C Others under this title .....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	2
146 Puerperal Septicaemia .....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	2
148 Puerperal Albumenaria .....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	3	4

## Mortality in Somerville in 1924—Continued

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
IX. DISEASES OF THE SKIN AND OF THE CELLULAR TISSUES.													
151 Gangrene.....												1	1
153 Abscess.....												1	1
X. DISEASES OF THE BONES AND ORGANS OF LOCOMOTION													
155 Osteomyelitis.....								1				1	2
156 Diseases of the Joints.....						1							1
XI. MALFORMATIONS.													
159 Congenital Malformation.....									1				1
159C Spina Bifida.....						1							1
XII. EARLY INFANCY.													
160 Congenital Debility.....		2	4	1	2		5	1	2	3	1	3	24
161A Premature Birth.....	4	3	1	1	1	2	1	4	2	2		7	28
161B Injury at Birth.....		3	1		3	1	1	2	1		1		13
162 Asphyxia Neonatorum.....				1						1			2
XIII. OLD AGE.													
164 Senility.....				1							1		2
XIV. EXTERNAL CAUSES.													
165 Suicide by Poison.....							1						1
167 Suicide by Poisonous Gas.....					2					1			3
168 Suicide by Hanging.....	1												1
170 Suicide by Fire Arms.....							1	1					2
179 Accidental Burns.....	2										1		3
180 Accidental Suffocation.....			1										1
181 Accidental Poisoning by Gas.....	2								1	3			6
185 Accidental Fall.....		1					1	1		1	3		7
188A Railroad Accident.....	1		1										2
188C Auto Accident.....			2		1		2	2	1	1		1	10
197 Homicide by Firearms.....			1		1		1	1		1			5
201 Fracture.....							1			1			2
202 Accidental Hanging.....						1							1
XV. ILI-DEFINED CAUSES.													
Total.....	98	84	90	91	99	68	80	57	56	82	83	91	979

Population estimated ..... 100,000  
 Death rate per thousand..... 9.79

## DEATHS BY AGES

AGES.	Total.	Male.	Female.
Under one . . . . .	110	62	48
One to two . . . . .	16	9	7
Two to three . . . . .	8	5	3
Three to five . . . . .	9	5	4
Five to ten . . . . .	12	7	5
Ten to fifteen . . . . .	9	5	4
Fifteen to twenty . . . . .	17	8	9
Twenty to thirty . . . . .	42	17	25
Thirty to forty . . . . .	44	22	22
Forty to fifty . . . . .	69	28	41
Fifty to sixty . . . . .	127	61	66
Sixty to seventy . . . . .	191	89	102
Seventy to eighty . . . . .	207	79	128
Eighty to ninety . . . . .	100	35	65
Ninety and over . . . . .	18	7	11
Total . . . . .	979	439	540

## Total Deaths During the Last Ten Years

Year.	No. of Deaths.	Rate per 1,000
1915 . . . . .	1,003	11.55
1916 . . . . .	1,081	12.01
1917 . . . . .	1,067	11.85
1918 . . . . .	1,533	16.84
1919 . . . . .	1,074	11.30
1920 . . . . .	1,137	12.22
1921 . . . . .	986	10.38
1922 . . . . .	1,019	10.41
1923 . . . . .	1,108	11.30
1924 . . . . .	979	9.79
Average death rate per 1000 for ten years . . . . .		11.76

Table Showing the Five Principal Causes of Death in Somerville in 1924

HEART DISEASE.		ARTERIO SCLEROSIS		CANCER		PNEUMONIA ALL FORMS.		APOPLEXY.	
Number of Deaths.	Number per 10,000 of Pop.	Number of Deaths.	Number per 10,000 of Pop.	Number of Deaths.	Number per 10,000 of Pop.	Number of Deaths.	Number per 10,000 of Pop.	Number of Deaths.	Number per 10,000 of Pop.
147	14.70	144	14.40	110	11.00	102	10.20	95	9.50



Deaths from Scarlet Fever, Diphtheria, Typhoid Fever, and Tuberculosis in the Last Ten Years

MONTHS.	SCARLET FEVER.										DIPHTHERIA.										TYPHOID FEVER.										TUBERCULOSIS ALL FORMS.									
	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924
January.....	1	1	1	1	1	1	1	1	1	1	4	3	1	3	2	3	2	5	2	2	1	3	2	1	1	1	1	1	1	8	5	4	9	12	3	8	4	5	7	1924
February.....	1	1	1	1	1	1	1	1	1	1	2	4	2	3	2	3	2	5	2	2	1	1	1	1	1	1	1	1	10	16	7	6	7	7	5	3	1	5	1923	
March.....	1	1	1	1	1	1	1	1	1	1	2	4	3	2	1	1	3	3	1	1	1	1	1	1	1	1	1	1	10	16	7	6	7	7	5	3	1	5	1922	
April.....	1	1	1	1	1	1	1	1	1	1	2	4	3	2	1	1	3	3	1	4	1	1	1	1	1	1	1	1	10	16	7	6	7	7	5	3	1	5	1921	
May.....	1	1	1	1	1	1	1	1	1	1	2	4	1	4	1	1	5	2	1	1	1	1	1	1	1	1	1	1	3	11	7	7	6	6	9	1	3	4	1920	
June.....	1	1	1	1	1	1	1	1	1	1	2	4	1	1	1	1	5	2	1	1	1	1	1	1	1	1	1	1	9	5	10	8	10	12	11	2	2	3	3	1919
July.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	3	2	1	2	1	1	1	1	1	1	9	5	9	8	6	11	4	5	6	7	5	1918
August.....	1	1	1	1	1	1	1	1	1	1	3	1	1	1	1	1	2	1	2	1	1	1	1	1	1	1	1	1	3	4	4	4	7	9	8	3	4	3	3	1917
September.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	9	8	3	9	10	4	5	1	3	2	3	1916
October.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	1	1	1	1	1	1	1	1	1	1	4	11	6	8	6	3	2	1	3	3	2	1915
November.....	1	1	1	1	1	1	1	1	1	1	5	3	3	1	2	2	2	1	2	1	2	2	1	2	1	1	1	1	6	10	4	7	8	2	5	2	2	3	2	1914
December.....	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	4	2	6	1	2	2	1	2	1	1	1	1	6	10	4	6	10	4	2	3	6	3	3	1913
Total.....	4	2	3	1	3	2	3	4	2	18	21	24	19	9	19	27	19	16	14	11	1	1	6	2	1	3	1	4	1	74	103	85	84	90	69	64	32	54	46	1912

Table Showing Comparisons Between 1923 and 1924 in Prevalence, Deaths and Percentage of Deaths of Scarlet Fever, Diphtheria, Typhoid Fever and Tuberculosis

YEAR.	SCARLET FEVER.					DIPHTHERIA.					TYPHOID FEVER.					TUBERCULOSIS ALL FORMS.		
	Cases Reported.	Number of Deaths.	Percentage of Deaths.	Cases Reported.	Number of Deaths.	Percentage of Deaths.	Cases Reported.	Number of Deaths.	Percentage of Deaths.	Cases Reported.	Number of Deaths.	Percentage of Deaths.	(Cases Reported.	Number of Deaths.	Percentage of Deaths.			
1923.....	319	4	1.4	218	16	7.3	10	1	10.0	131	54	41.22						
1924.....	390	2	.5	197	14	7.1	10	1	10.0	132	46	34.84						



**Diseases Dangerous to the Public Health**

This board has adjudged that the diseases known as actinomycosis, anterior poliomyelitis, anthrax, Asiatic cholera, cerebro-spinal meningitis, chicken pox, diphtheria, dog-bite (requiring anti-rabic treatment), dysentery, German measles, glanders, hookworm disease, infectious disease of the eye, influenza, leprosy, malaria, measles, mumps, pellagra, plague, pneumonia (Lobar only), rabies, scarlet fever, septic sore throat, small pox, tetanus, trichinosis, tuberculosis (all forms), typhoid fever, typhus fever, whooping cough, yellow fever, are infectious or contagious and dangerous to the public health and safety within the meaning of the statutes. Physicians are required to report immediately to the board every case of either of these diseases coming under their care and postal cards conveniently printed and addressed are supplied to them for the purpose. On receipt of a card from a physician, the principal of the school in the district in which the patient resides, the librarian of the public library and state board of health are notified.

**Specimens and Supplies**

Outfits for specimens to be examined for tuberculosis, diphtheria and typhoid fever, and diphtheria anti-toxin, vaccine lymph and nitrate of silver solution may be obtained at the laboratory and at the following places:

Edward Edwards, 25 Union Square.  
R. A. Peckham, 154 Perkins Street.  
Richardson Pharmacy, 310 Broadway.  
Ernest B. McClure, 529 Medford Street.  
George E. Wardrobe, 693 Broadway.  
Willis S. Furbush & Co., 1153 Broadway.  
Hall Drug Co., Hobbs Building, Davis Square.  
John Morrison, 288 Highland Avenue.

Hereafter the Agent of this Board will collect, daily, at five o'clock, p. m., all specimens left at culture stations for examination, prior to that hour.

Physicians desiring reports on the following day, of specimens taken after this collection has been made must deposit same at the City Hall, in the receptacle provided, before nine-thirty p. m.

Results of all examinations of specimens received at the City Hall prior to nine-thirty p. m., will be reported to the physicians on the following morning.

**Medical Inspection at Schools**

The medical inspection of the schools of Somerville which was instituted in December 1907, has been continued during the year. The value of the system has been constantly demonstrated, and the work has been done in a very satisfactory manner. There has been harmony of action between the board of health and the school board, and the school principals and teachers have very generally co-operated with the inspectors in making the system as successful as possible.

The inspectors make daily visits to the schools under their charge, and to them are referred all children who show evidences of disease or abnormal conditions. Children who are found to be unfit to remain in school are sent home, accompanied by a slip properly filled out advising that the family physician be consulted. The inspectors also make an annual inspection of all the children in the schools, and any defects discovered are called to the attention of the parents. Monthly inspections of the school buildings and premises are made, and suggestions or criticisms are referred to the proper authorities. Every effort is made to protect the health of the children and to co-operate with the parents in keeping the children in as normal a condition as possible.

In accordance with the provisions of the statute, tests of sight and hearing are made by the principals or teachers.

**District No. 1**

*Inspector* Dr. Francis Shaw, 57 Cross Street.  
*Schools* Prescott, Hanscom, Edgerly and Boys' Vocational Schools.

**District No. 2**

*Inspector* Dr. Edward J. Dailey, 46 Bow Street.  
*Schools* Baxter, Knapp, Perry and Southern Junior High Schools.

**District No. 3**

*Inspector* Dr. Walter Jellis, 1028 Broadway.  
*Schools* Bennett, Pope, Cummings and Proctor Schools.

**District No. 4**

*Inspector* Dr. W. L. Bond, 322 Highland Avenue.  
*Schools* Morse, Carr, Durell and Burns Schools.

## District No. 5

*Inspector* Dr. H. M. Stoodley, 283 Highland Avenue.  
*Schools* Brown, Bingham, Forster and Northeastern  
 Junior High Schools.

## District No. 6

*Inspector* Dr. H. Cholerton, 94 College Avenue.  
*Schools* Western Junior High, Lincoln, Highland,  
 Cutler and Lowe Schools.

## District No. 7

*Inspector* Dr. E. F. Sewall, 281 Broadway.  
*Schools* Glines and High Schools.  
*Inspector* Dr. M. W. White, 21 Walnut Street.  
*Schools* Parochial.

During the year 10,667 children have been referred to the inspectors during their daily visits, and 588 have been sent home because of illness.

The following list will show the classes of diseases and defects which have been found in the schools, except defects of sight and hearing:

## List of Diseases and Number of Cases Reported

1. Infectious Diseases:—		
Chicken Pox	.	48
Measles	.	27
Mumps	.	73
Scarlet Fever	.	13
Whooping Cough	.	4
Total	.	165
2. Diseases of the nose and throat:—		
Enlarged tonsils and adenoids	.	541
Inflammatory diseases	.	328
Other abnormal conditions	.	1
Total	.	870
3. Diseases of the eyes:—		
Inflammatory conditions	.	38
Foreign bodies	.	1
Other abnormal conditions	.	28
Total	.	67
4. Diseases of the ears:—		
Inflammatory conditions	.	53
Other abnormal conditions	.	36
Total	.	89

## 5. Diseases of the skin:—

Eczema . . . . .	50
Herpes . . . . .	53
Impetigo . . . . .	250
Pediculosis . . . . .	377
Scabies . . . . .	44
Tinea . . . . .	5
Miscellaneous conditions . . . . .	194
Total . . . . .	973

## 6. Miscellaneous diseases:—

Diseases of the circulatory system . . . . .	3
Diseases of the digestive system . . . . .	88
Diseases of the lymphatic system . . . . .	50
Diseases of the nervous system . . . . .	4
Diseases of the respiratory system . . . . .	39
Wounds and injuries . . . . .	64
Diseases of the teeth . . . . .	12
Other conditions . . . . .	48
Total . . . . .	308
Total number of diseases reported . . . . .	2,472
Vaccinations performed . . . . .	229
Examinations for vaccinations . . . . .	668
Certificates to work . . . . .	139

## Bacteriological Work

The report of the work of this department is made by Frank L. Morse, M.D., on a subsequent page and becomes a part of this report.

## Undertakers

Under the provisions of Section 49 of Chapter 114 of the General Laws, twenty-six persons have been duly licensed as undertakers.

## Examinations of Plumbers

The public statutes provide for a board of examiners of plumbers, consisting of the chairman of the board of health, the inspector of buildings, and an expert at plumbing, to be appointed by the board of health. This board appointed Duncan C. Greene, the inspector of plumbing, to fill the place of expert. The number of licenses granted will be found in the report of the inspector of buildings.

## Health Nurses

There are at present five nurses employed by this board. Two of these are employed as school nurses and the work of the others consists of follow-up work regarding tuberculosis cases and post-natal baby hygiene work.



The reports of the school nurses are made a part of the report of the School Committee and those of the other nurses are made a part of this report being submitted in detail in subsequent pages.

#### Infant Hygiene Clinics

During the past year under the supervision of this board, clinics have been held every Thursday afternoon at the Bennett Schoolhouse and every Friday afternoon at the Bingham Schoolhouse except when those days were holidays. 909 babies have been under the supervision of these clinics. The average weekly attendance at the Bennett Schoolhouse was 30 and at the Bingham Schoolhouse 60.

This work is of inestimable value and the results are very far reaching.

C. A. C. RICHARDSON, M. D.,

WESLEY M. GOFF,

JAMES A. KILEY,

*Board of Health.*

*Attest:*

LAURENCE S. HOWARD, Executive Clerk.



## REPORT OF HEALTH NURSES

Somerville, Mass.,  
January 2, 1925.

To the Board of Health,  
Somerville, Mass.

Gentlemen:

We submit the following report of work performed by us in infant hygiene, post natal and tuberculosis cases for the year ending December 31, 1924.

## Infant Hygiene

Infants reported as born in Somerville during 1924 . . . . .	1,648
Infants born elsewhere resident in Somerville . . . . .	485
Pairs of twins born in Somerville . . . . .	14
Sets of triplets born in Somerville . . . . .	0
Still-births in Somerville . . . . .	73
Infants who moved away from Somerville . . . . .	276
Infants reported with Ophthalmia Neonatorum . . . . .	12
Infants reported with Conjunctivitis . . . . .	15
Infants reported with Infantile Paralysis . . . . .	8

There were one hundred and ten deaths of infants under one year of age in Somerville during the past year as shown in the following table:

Prematurity . . . . .	26
Congenital diseases . . . . .	42
Intestinal Diseases . . . . .	8
Accidental Injury . . . . .	3
Pneumonia and other diseases . . . . .	31
Total . . . . .	110
Infants dying in Somerville residence elsewhere . . . . .	22
Infants under supervision at Baby Welfare Clinics Jan. 1, 1924 . . . . .	556
Registration during 1924 . . . . .	353
Total under supervision during 1924 . . . . .	909

## Tuberculosis

Pulmonary tuberculosis cases reported in 1924 . . . . .	108
Other forms of tuberculosis reported in 1924 . . . . .	24
Patients admitted to Sanatoria . . . . .	55
Patients previously reported in Sanatoria . . . . .	20
Deaths in Somerville (Pulmonary 35—Other Forms 11) . . . . .	46
Deaths in Sanatoria 16—Discharged 30 . . . . .	46
Patients now in Sanatoria . . . . .	48
Patients temporarily out of Somerville . . . . .	21
Patients who have moved away from Somerville . . . . .	46

TABLE SHOWING AGES AND SEX OF CASES IN THIS CITY  
Pulmonary Tuberculosis

Ages	SEX		Total
	Male	Female	
Under fifteen years.....	1	2	3
From fifteen to twenty years.....	4	6	10
From twenty to thirty years.....	18	26	44
From thirty to forty years.....	13	10	23
Over forty years.....	14	13	27
Total .....	50	57	107

Other Forms of Tuberculosis.

Ages	SEX		Total
	Male	Female	
Under fifteen years .....	3	5	8
From fifteen to twenty years .....	1	2	3
From twenty to thirty years.....	3	3	6
From thirty to forty years.....	2	1	3
Over forty years.....	2	3	5
Total .....	11	14	25

Miscellaneous

Typhoid Fever cases reported (died 1) . . . 10

Recapitulation of Visits

Baby Hygiene . . . . .	8035
Tuberculosis . . . . .	788
Miscellaneous . . . . .	613
Total visits . . . . .	9,432

Respectfully submitted,

HELEN B. BERRY,  
MARY L. SCOTT, R. N.,  
GRACE E. PICKERING, R. N.,  
Health Nurses.

## REPORT OF DEPARTMENT OF MEDICAL INSPECTION

Somerville, Mass.,

January 2, 1925.

To the Board of Health,  
Somerville, Mass.

Gentlemen:

I herewith present the report of the Department of Medical Inspection for the year 1924 including statistics of the Contagious Hospital.

## Visits

Scarlet Fever—Each case must be inspected before release from quarantine to see that the condition of the patient is suitable for release . . . . .	372
Diphtheria—Before patients are released from quarantine two successive negative cultures must be obtained . . . . .	192
Contagious Hospital . . . . .	373
Total number of visits . . . . .	937

## Contagious Disease Hospital

Disease	In Hospital Jan. 1, 1924	Ad- mitted	Discharged Well or Improved	Dead	Hospital Jan. 1, 1925
Diphtheria . . . . .	4	91	88	5	2
Scarlet Fever . . . . .	17	117	129	2	3
Miscellaneous . . . . .	0	13	13	0	0

The daily average of patients was 11.8.

## LABORATORY EXAMINATIONS

## Diphtheria

	Negative	Positive	Total
January . . . . .	153	38	191
February . . . . .	162	19	181
March . . . . .	108	11	119
April . . . . .	114	14	128
May . . . . .	89	7	96
June . . . . .	61	8	69
July . . . . .	52	3	55
August . . . . .	25	1	26
September . . . . .	35	0	35
October . . . . .	45	7	52
November . . . . .	104	10	114
December . . . . .	125	9	134
Totals . . . . .	1,073	127	1200

## Tuberculosis

	Negative	Positive	Total
January . . . . .	12	4	16
February . . . . .	14	6	20
March . . . . .	9	1	10
April . . . . .	10	3	13
May . . . . .	14	3	17
June . . . . .	19	2	21
July . . . . .	11	1	12
August . . . . .	11	1	12
September . . . . .	4	1	5
October . . . . .	6	3	9
November . . . . .	8	2	10
December . . . . .	14	2	16
Total . . . . .	132	29	161

## Typhoid

	Negative	Positive	Total
January . . . . .	4	2	6
February . . . . .	2	0	2
March . . . . .	0	0	0
April . . . . .	2	0	2
May . . . . .	1	0	1
June . . . . .	1	0	1
July . . . . .	1	0	1
August . . . . .	1	0	1
September . . . . .	2	2	4
October . . . . .	4	1	5
November . . . . .	0	0	0
December . . . . .	0	1	1
Total . . . . .	18	6	24

Examinations made for Malaria, Ophthalmia, Paratyphoid, Gonnorrhea and Pneumona . . . . .	18
Total examinations . . . . .	1,403

## Tuberculosis

During 1924 there were 46 deaths from Tuberculosis including all forms, 35 of which were of the pulmonary type. This record shows a decrease from the previous year when 54 deaths were reported.

All patients ill with the disease coming to the attention of the board have either been supervised at their homes by the Public Health Nurses, or have been placed in sanatoria when such treatment was needed.

The tuberculosis ward at the Contagious Hospital which was closed on September 1, 1921 on account of the small number of patients in the hospital, was reopened during July and August as a Preventorium for children who were undernourished or lived in families where tuberculosis cases existed.

In this work the board was assisted by a contribution provided by the Tuberculosis Seal Sale which was supervised by the Visiting Nursing Association.

During these two months 61 children were residents at the Preventorium for a total of 796 days, the average stay being 13 days. Much good was accomplished among these children, marked improvement being observed in their physical condition, and it should be maintained continuously.

#### Infant Hygiene Clinics

On January 1, 1922 the board with the approval of His Honor the Mayor, assumed the care of the Infant Hygiene Clinics previously maintained by Somerville Chapter of the American Red Cross. These clinics have been held on Thursday afternoon at the Bennett School and Friday afternoon at the Bingham School thruout the year. An average attendance of 60 at the Bingham School and 30 at the Bennett School has been attained. 473 new babies have been under supervision at the clinics where advice has been given to the mothers by the attending physician, and in many instances the infants have been visited at home by the Public Health Nurses in order that the advice may be properly followed out. This work is unquestionably of great value in conserving the health of new born infants.

Respectfully submitted,

**FRANK L. MORSE,**

Medical Inspector and Bacteriologist.



## REPORT OF THE INSPECTOR OF ANIMALS AND PROVISIONS

Somerville, Mass.,  
January 2, 1925.

To the Board of Health,  
Somerville, Mass.

Gentlemen:

I submit the following as my report for the year ending  
December 31, 1924.

## Inspections

The following table shows the number of inspections made during the past year. In order to safeguard the consumer, all establishments handling foodstuffs are under constant supervision. Lunch carts and restaurants have been inspected weekly.

Under the provisions of the General Laws of 1920 all bakeries are required to register with the board of health. The law provides that all doors and windows shall be properly screened and that all food exposed for sale shall be kept covered. Careful inspections of all bakeries have been made to see that this law has been complied with.

All the factories in the city have been inspected monthly.

The Barber Shops are under very careful inspection and must be kept in a sanitary condition, and the barbers are required to keep themselves neat and clean and to properly sterilize their instruments.

## Number of Inspections

Bakeries . . . . .	580	Milk and Cream plants . . . . .	173
Barber shops . . . . .	549	Pedlers and Wagons and stock . . . . .	2,490
Billiard Halls and Bowling alleys . . . . .	105	Public Halls . . . . .	47
Blacksmiths' shops . . . . .	11	Rendering plants . . . . .	60
Candy and Ice Cream plants . . . . .	205	Slaughter houses . . . . .	307
Factories . . . . .	160	Stores and markets . . . . .	4,650
Fish markets . . . . .	685	Stables . . . . .	199
Hen houses and yards . . . . .	184	Theatres . . . . .	91
Lunch rooms and cars . . . . .	1,068	Vacant lots and dumps . . . . .	87
		Yards and cellars . . . . .	304

## Articles Condemned

The following is a list of the articles condemned:

## Fish

Haddock	. . . . .	188 lbs.
Halibut	. . . . .	44 lbs.
Herring	. . . . .	11 lbs.
Mackerel	. . . . .	256 lbs.
Oysters	. . . . .	2 qts.
Salmon	. . . . .	42 lbs.
Smefts	. . . . .	7 lbs.

## Fruit

Apples	. . . . .	7 bus.
Bananas	. . . . .	50 doz.
Blackberries	. . . . .	30 qts.
Canteloupes	. . . . .	7½ cts.
Grape Fruit	. . . . .	15 box
Grapes	. . . . .	4 box
Lemons	. . . . .	12 doz.
Lemons	. . . . .	½ box
Oranges	. . . . .	10 box
Oranges	. . . . .	10 doz.
Peaches	. . . . .	12 bas.
Raspberries	. . . . .	24 pts.
Strawberries	. . . . .	117 qts.
Watermelons	. . . . .	20

## Meats

Bacon	. . . . .	30 lbs.
Beef (corned)	. . . . .	249 lbs.
Beef (fresh)	. . . . .	420 lbs.
Fowl	. . . . .	348 lbs.
Frankfurt sausage	. . . . .	12 lbs.
Lamb	. . . . .	454 lbs.
Liver	. . . . .	8 lbs.
Pork (fresh)	. . . . .	265 lbs.
Pork (salt)	. . . . .	138 lbs.
Sausages	. . . . .	74 lbs.
Shoulder (corned)	. . . . .	12 lbs.
Tripe	. . . . .	5 lbs.
Veal	. . . . .	245 lbs.

## Vegetables

Beans (string)	. . . . .	10 bus.
Beans (string)	. . . . .	3 bas.
Beans (green)	. . . . .	1 bas.
Beans (green)	. . . . .	5 bus.
Beets	. . . . .	1 bus.
Cabbage	. . . . .	1 bus.
Carrots	. . . . .	1 bus.

Celery . . . . .	55 bun.
Corn . . . . .	13 bus.
Cucumbers . . . . .	2 bus.
Lettuce . . . . .	2 box
Lettuce . . . . .	4 bus.
Lettuce . . . . .	12 doz.
Onions . . . . .	3 bus.
Onions . . . . .	6 bags
Potatoes (white . . . . .	1 bbl.
Potatoes (white) . . . . .	18½ bus.
Potatoes (sweet) . . . . .	1 bbl.
Tomatoes . . . . .	60 bas.
Turnips . . . . .	1 bus.
Turnips . . . . .	1½ bbl.
Turnips . . . . .	200 lbs.

## Miscellaneous

Butter . . . . .	30 lbs.
Bread . . . . .	65 loaves
Cake . . . . .	15 lbs.
Candy . . . . .	360 lbs.
Cereal . . . . .	1007 pkgs.
Cheese . . . . .	15 lbs.
Coffee . . . . .	50 lbs.
Coffee . . . . .	3 bags
Crackers . . . . .	18 lbs.
Crackers . . . . .	10 box
Dates . . . . .	55 lbs.
Eggs . . . . .	10 doz.
Flour . . . . .	667 lbs.
Flour . . . . .	48 bags
Lard . . . . .	20 lbs.
Macaroni . . . . .	52 pkgs.
Nuts . . . . .	2 bus.
Raisins . . . . .	½ box
Raisins . . . . .	15 lbs.
Rice . . . . .	150 lbs.
Sugar . . . . .	574 lbs.
Tea . . . . .	95 lbs.
Tobacco . . . . .	12 lbs.

## Slaughter Houses

During the year weekly inspections have been made at all slaughtering establishments and these plants were never in a more sanitary condition than at present.

The number of animals slaughtered during 1924 in this city was less than during 1923.

## Number of Animals Slaughtered in 1924

Swine . . . . .	878,072
Sheep . . . . .	289,999
Calves . . . . .	74,154
Cattle . . . . .	39,218
	<hr/>
	1,281,443

**Examination of Animals for Contagious Diseases**

During the last year the city was entirely free from contagious diseases in animals, except ten cases of rabies in dogs.

**Animals Examined**

	Inspected	Quaran- tined	Killed	Released
Horses . . . .	1295	0	0	0
Cows . . . .	2	0	0	0
Goats . . . .	13	0	0	0
Dogs . . . .	23	23	10	13
	<u>1,333</u>	<u>23</u>	<u>10</u>	<u>13</u>

Respectfully submitted,

CHARLES M. BERRY,

Inspector of Animals and Provisions.

## REPORT OF THE INSPECTOR OF MILK AND VINEGAR

Chemical and Bacteriological Laboratory,  
 City Hall Annex,  
 Somerville, Mass.,  
 January 2, 1925.

To the Board of Health,  
 Somerville, Mass.

Gentlemen :

I herewith present my annual report for the year ending December 31, 1924.

On the above date there were licensed to sell milk, 723 stores and 53 dealers; and 131 stores were registered to sell oleomargarine an increase over the previous year of 23 stores selling milk and 18 dealers handling oleomargarine. Two dealers who were distributing milk either discontinued business or ownership was transferred.

Of the 53 dealers handling milk and cream 19 are located in Somerville and 34 are located in neighboring cities. Fifty dealers are pasteurizing according to the General Laws, 11 dealers sell cream exclusively, and 3 dealers handle only raw milk. There are approximately 36,000 quarts of milk and 2500 quarts of cream distributed in Somerville daily.

The following tables 1, 2, 3, are a summary of the work of the department for the year.

Table 1.

Months.	License Applications	License Fees.	Analytical Fees.	Cash Paid City Treas.	Analyses on Account.	Total Income for Dept.
January .....	18	9.00	.....	9.00	194.50	203.50
February .....	13	6.50	.....	6.50	187.50	194.00
March .....	15	7.50	1.00	8.50	209.50	218.00
April .....	18	9.00	.....	9.00	166.50	175.50
May .....	554	277.00	.50	277.50	170.50	448.00
June .....	141	70.50	.50	71.00	187.50	258.50
July .....	56	28.00	.....	28.00	139.00	167.00
August .....	20	10.00	2.00	12.00	205.50	217.50
September .....	22	11.00	.50	11.50	188.50	200.00
October .....	22	11.00	.....	11.00	189.50	200.50
November .....	15	7.50	.50	8.00	187.50	195.50
December .....	13	6.50	.....	6.50	185.50	192.00
<b>Total.....</b>	<b>907</b>	<b>453.50</b>	<b>5.00</b>	<b>458.50</b>	<b>2211.50</b>	<b>2670.00</b>



Table 2

## Samples of Milk, Cream, Ice Cream and Vinegar Examined

Months.	Chemical Samples Collected.	Bact. Collections.	Lorenz Tests.	Total Collections.	Samples Submitted	Total Examina- tions.
January .....	139	41	41	221	374	595
February .....	185	50	50	285	375	660
March .....	210	27	27	264	425	689
April.....	237	42	42	321	303	624
May .....	202	16	16	234	346	580
June .....	201	32	32	265	372	637
July....	237	32	32	301	272	573
August .....	184	50	50	284	413	697
September.....	187	5	5	197	374	571
October .....	178	15	15	208	375	583
November .....	151	50	50	251	375	626
December .....	120	69	40	229	371	600
Total.....	2231	429	400	3060	4375	7435

Table 3

Months.	Chemical Notices.	Bact. Notices.	Sanitary Notices.	Temperature Notices.	Total Notices.	Inspections.
January .....	1	8	.....	.....	9	47
February .....	8	10	2	.....	20	52
March .....	7	4	2	.....	13	65
April.....	25	9	.....	.....	34	36
May .....	18	5	.....	.....	23	44
June .....	30	15	.....	.....	47	38
July .....	35	9	.....	2	48	121
August .....	11	11	.....	4	22	31
September.....	5	1	.....	.....	6	76
October .....	2	2	.....	.....	4	20
November .....	4	6	2	.....	12	66
December .....	.....	8	3	.....	11	81
Total.....	146	88	9	6	249	677

During 1924 license fees and fees for analyses amounted to \$2670.00 an increase over the previous year of \$1348.00. There were in 1924, 7435 laboratory examinations of milk and milk products, an increase over 1923 of 2082 samples examined.

There were during 1924, 6 dealers prosecuted for selling milk of inferior quality and all paid their fines amounting to \$195.00.

#### Income for Department

Fees for issuing milk licenses . . . . .	\$453 50
Fees for analyses . . . . .	2,216 50
Fines paid in Lower Court . . . . .	195 00
	<hr/>
Total . . . . .	\$2,865 00

Each month during the year pint samples have been taken from every milk dealer and analyzed for food value (fats and solids) and cleanliness, (bacterial count and sediment).

The higher the fat and solids the greater the food value. The lower the bacterial count, the greater care in production, better handling or more efficient pasteurization is shown.

By calling the office of the milk inspector these figures will be cheerfully quoted.

November 19, 1924 regulations governing the production, handling and sale of Grade A. milk became operative and the department hopes to be in a position to enforce these regulations. Anyone desiring a copy of Grade A. milk regulations will receive one by applying at this office.

#### Recommendations

In addition to the recommendations made last year I believe there should be provided a suitable method of medical supervision of employees in milk plants.

Respectfully submitted,

HERBERT E. BOWMAN,

Inspector of Milk and Vinegar.

## SUPPORT OF PUBLIC WELFARE DEPARTMENT

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### Board of Public Welfare

FRED E. DURGIN, *President*

MICHAEL COLL, Vice-President

GEORGE G. BRAYLEY

JAMES D. SHARKEY

### Committees

On Finance, Investigation and Relief, and City Home

MR. DURGIN, MR. COLL, MR. BRAYLEY, AND MR. SHARKEY

### Clerks

JOSEPHINE S. PHILBROOK

HELEN E. LINEGAR

MARGARET J. PREBLE

### General Agent

WILLIAM E. COPITHORNE

### City Physician

FRANK E. BATEMAN, M. D.

### Warden and Matron, City Home

MR. AND MRS. J. FOSTER COLQUHOUN

### Office

City Hall, Highland Avenue

Somerville, Mass.,  
December 31, 1924.

To His Honor, the Mayor, and the Board of Aldermen of the  
City of Somerville:

Gentlemen,—

The Board of Public Welfare submit herewith reports  
of the General Agent, the Warden of the City Home and the  
City Physician, with tables showing the work.

Respectfully submitted,

FRED E. DURGIN,  
GEORGE G. BRAYLEY,  
JAMES D. SHARKEY,

*Board of  
Public  
Welfare.*

## REPORT OF GENERAL AGENT

City Hall, January 1, 1925.

To the Board of Public Welfare, Somerville, Mass:—

Gentlemen,—The following as the report of the general agent for the year ending December 31, 1924 is herewith submitted:—

Table No. 1

## FULL SUPPORT (During the year)

In City Home (men 32, women 30) . . . . .	62
In City Home, December 31, 1924 . . . . .	44
In hospitals for the sick in other cities, towns and state	48

Table No. 2

## PARTIAL SUPPORT (Outside Relief)

Families . . . . .	149
Persons aided (including hospital cases) . . . . .	910
Burials . . . . .	10
Permits to State Infirmary . . . . .	8

Table No. 3

## CHILDREN

In private families . . . . .	17
In care of state division of child guardianship . . . . .	23

Table No. 4

## AID UNDER 1913 LAW (Mothers' Aid)

Number of mothers' aid cases, January 1, 1924 . . . . .	57
Number of families aided at close of year . . . . .	60
Number of children . . . . .	253
Amount allowed each family, from \$4.00 to \$24.00 per week	
Number of out-of-town families . . . . .	8
Number having no settlement . . . . .	14

## Cost to City

Somerville settlement . . . . .	\$23,152 00
Settled in other cities and towns (reside here) . . . . .	3,398 00
State . . . . .	8,330 00
Somerville families living in other cities and towns . . . . .	6,527 88
	<hr/>
	\$41,407 88



Table No. 5  
REIMBURSEMENTS

Commonwealth of Massachusetts . . . . .	\$31,971 54
City of Boston . . . . .	477 58
“ “ Cambridge . . . . .	1,835 04
“ “ Everett . . . . .	47 77
“ “ Lynn . . . . .	576 16
“ “ Medford . . . . .	543 50
“ “ Malden . . . . .	40 00
“ “ Worcester . . . . .	391 40
Town of Brookline . . . . .	24 00
“ “ Merrimac . . . . .	112 00
“ “ Plymouth . . . . .	344 00
“ “ Shrewsbury . . . . .	180 16
“ “ Somerset . . . . .	88 00
“ “ Watertown . . . . .	453 50
Individual . . . . .	76 00
	<hr/>
	\$37,084 65

Table No. 6  
SOMERVILLE HOSPITAL (City Patients)

Patients having settlement in Somerville . . . . .	48
Patients having settlement in other cities and towns . . . . .	18
Patients having no settlement (chargeable to State) . . . . .	24
Total number of patients sent to hospital . . . . .	90
Amount paid to hospital . . . . .	\$9,607 48

Table No. 7  
POPULATION AND GROSS EXPENDITURES, 1900 to 1924

Year		Misc.		Home,		Total
1900	—*61,643	\$23,697.62		\$5,528.83		\$29,226.45
1901	— 62,500	29,171.15		6,622.43		35,793.58
1902	— 63,500	28,667.04		7,396.64		36,063.68
1903	— 65,500	30,470.20		7,548.39		38,018.59
1904	— 69,500	20,476.64		6,563.11		27,039.65
1905	—*69,272	17,527.88		7,474.36		25,002.24
1906	— 72,000	18,237.53		6,806.79		25,044.32
1907	— 74,000	17,852.20		7,001.23		24,853.43
1908	— 75,500	17,955.34		6,875.56		24,830.90
1909	— 75,500	16,843.17		7,562.83		24,406.00
1910	—*77,236	16,110.42		7,695.89		23,806.31
1911	— 78,000	16,327.56		7,842.03		24,169.59
1912	— 81,000	19,201.33		8,998.97		28,200.30
1913	— 82,000	21,827.73		10,945.95		32,773.68
1914	— 85,000	35,619.68		11,200.25		46,819.93
1915	—*86,854	45,490.98		11,218.65		56,709.63
1916	— 90,000	51,759.62		11,593.41		63,353.03
1917	— 90,000	53,653.33		13,417.77		67,071.10
1918	— 90,500	63,420.48		15,411.20		78,831.68
1919	— 91,000	67,682.53		15,789.34		83,471.87
1920	—*93,033	77,456.57		17,308.29		94,764.86
1921	— 95,000	87,922.69		15,069.81		102,992.50
1922	— 97,000	95,510.92		13,577.07		109,087.99
1923	— 98,000	88,909.21		14,770.97		103,680.18
1924	—100,000	100,013.27		14,891.79		114,905.06

## OVERSEERS OF THE POOR OF SOMERVILLE

Since the reorganization in 1885

†Hon. Mary F. Burns, chairman, ex-officio	1885	1888 inclusive
†Col. Herbert E. Hill	1885	1889 "
†Charles S. Lincoln, Esq., chairman	1885	1887 "
†Hon. Edward Glines	1885	1887 "
†Charles G. Brett (president 1888-1892)	1888 Apr.	1883 "
†Edward B. West (president May, 1894— Feb. 1912)	1888	1912 "
†Daniel C. Stillson	1888 Apr.	1892 "
†Hon. Charles G. Pope, chairman ex-officio	1889	1891 "
†Nathan H. Reed (president 1893 to April 1894)	1890 Apr.	1894 "
†Hon. William H. Hodgkins, chairman ex- officio)	1892	1895 "
†James G. Hinckley May	1892	1894 "
†Albert W. Edmonds May	1893 Oct.	1918 "
Herbert E. Merrill May	1894	1909 "
†Ezra D. Souther	1895 Feb.	1898 "
Hon. Albion A. Perry, chairman ex-officio	1896	1898 "
†James H. Butler March	1898	1899 "
†Hon. George O. Proctor, chairman ex- officio	1899	
Henry F. Curtis, M. D. (president 1912- 1915)	1910	1921 "
Phillip Koen	1912 Nov.	1916 "
†Michael Coll November	1916 Dec.	1924 "
*Fred E. Durgin (president 1919 to date)		
	October	1918 date
*George G. Brayley January	1922	date
*James D. Sharkey December	1924	date

Table No. 9

## RECAPITULATION (Miscellaneous)

Expenditures and transfers	\$100,013 27	
Reimbursements and refunds	37,528 79	
Net cost to city		\$62,484 48

\* Present member

† Deceased

Respectfully submitted,

WM. E. COPITHORNE,

General Agent.

Table No. 8

## EXPENDITURES IN DETAIL FOR THE YEAR 1924

1924	Board.	Auto Mainte- nance	Burials.	Somerville Poor in other Cities and Towns.	Cash Paid Out.	Somerville Poor in other Cities and Towns 1913 Law.	Cash Allowance	Fuel and Clothing	Groceries.	Other Institu- tions.	Med. Att. and Medicine	Nursing.	Stationery and Printing.	Salaries.	Somerville Hospital.	State Institu- tions.	All Other.	Telephone.	Totals
January .....	\$133.57	\$12.50	\$130.00	\$585.35	\$4,602.75	\$.....	\$84.08	\$ 8.25	\$240.00	\$51.43	\$29.06	\$ 5.50	\$.....	\$537.81	\$817.00	\$183.00	\$48.00	\$ 8.59	\$7,476.89
February .....	102.86	12.50	70.00	579.68	4,734.46	.....	80.79	.....	101.00	.....	20.28	3.00	3.12	558.93	605.50	.....	30.00	9.14	6,911.26
March .....	291.01	12.50	.....	13.71	5,647.00	.....	86.36	.....	130.00	79.43	9.25	6.00	4.50	677.83	626.50	.....	39.00	10.09	7,633.18
April .....	741.26	12.50	.....	227.99	4,275.30	3,007.24	92.14	.....	161.00	.....	3.66	11.00	11.25	567.26	854.00	188.35	15.00	8.84	10,176.79
May .....	86.71	12.50	.....	9.14	5,608.46	234.00	95.22	40.01	131.00	.....	12.06	13.00	17.00	561.16	854.00	.....	18.00	8.59	7,700.85
June .....	343.13	12.50	.....	.....	4,482.50	1,380.79	83.57	.....	87.00	79.99	13.26	.....	7.00	567.26	850.50	.....	.....	9.09	7,916.59
July .....	886.11	12.50	40.00	242.93	4,545.87	.....	86.36	.....	113.00	.....	14.24	2.50	.85	701.22	833.33	346.00	10.00	8.24	7,843.15
August .....	92.99	12.50	83.00	1621.84	5,792.40	1,207.00	96.93	.....	108.00	.....	5.00	.....	.....	615.16	833.33	.....	.....	8.69	10,476.84
September ...	983.68	12.50	.....	776.09	4,883.50	.....	79.28	.....	146.00	.....	.....	.....	38.50	467.26	833.33	.....	18.00	9.44	8,247.58
October .....	92.99	12.50	.....	901.39	5,084.25	.....	81.93	.....	108.00	.....	38.96	.....	28.21	567.26	833.33	716.21	10.00	9.54	8,484.57
November ...	112.99	12.50	.....	493.30	6,658.40	234.00	62.14	.....	113.00	.....	16.96	3.00	10.62	661.16	833.33	.....	.....	10.94	9,222.34
December....	106.28	12.50	120.00	69.00	5,425.96	464.85	64.22	.....	84.00	102.00	11.11	.....	2.38	617.66	833.33	.....	.....	9.94	7,923.23
Totals.....	\$3,973.58	\$150.	\$443.00	\$5,520.42	\$61,740.85	\$6,527.88	\$993.02	\$48.26	\$1,522.00	\$312.85	173.84	\$44.00	\$123.43	\$7,099.97	\$9,607.48	\$1,433.56	\$188.00	\$111.13	100,013.27

[illegible]

## REPORT OF WARDEN OF CITY HOME

City Home, January 1, 1925

To the Board of Public Welfare, Somerville, Mass.:—

Gentlemen:—I submit the following as the report of the Warden of the City Home for the year ending December 31, 1924:—

Table No. 1

Number of weeks' board of inmates . . . . .	2050-2
Number of males admitted during 1924 . . . . .	15
Number of females admitted during 1924 . . . . .	11
Number of males discharged during 1924 . . . . .	7
Number of females discharged during 1924 . . . . .	4
Number of males supported during 1924 . . . . .	32
Number of females supported during 1924 . . . . .	30
Number of males died during 1924 . . . . .	1
Number of females died during 1924 . . . . .	6
Number of inmates in home, December 31, 1924 . . . . .	44

## City Home Hospital

Number of weeks' board . . . . .	531-2
Number of patients admitted . . . . .	18
Number of patients in hospital, December 31, 1924 . . . . .	12

Table No. 2

Reimbursements . . . . .	\$6,819 68	
Net expenditures . . . . .	8,072 11	
	<hr/>	\$14,891 79
Appropriation and transfers . . . . .		\$14,891 79

Respectfully submitted,

J. FOSTER COLQUHOUN,

Warden.



# REPORT OF THE CITY PHYSICIAN

---

Somerville, January 1, 1925.

To His Honor, the Mayor, and the Board of Aldermen:

Gentlemen:—

The work of your City Physician during the year 1924 is presented in the following abstract:—

Office consultations and treatments . . . . .	261
Total outside visits . . . . .	766
Confinements . . . . .	2
Vaccinations . . . . .	13
Visits at City Home . . . . .	129
Attended at Police Station . . . . .	22

## Examinations:—

For legal department . . . . .	31
For highway department . . . . .	1
For police department . . . . .	11
For fire department . . . . .	4
For soldiers' relief department . . . . .	3
For public grounds department . . . . .	1
For sanitary department . . . . .	4
For water department . . . . .	1
For pension . . . . .	6

Much of the important conference work of the City Physician does not admit of tabulation.

Respectfully submitted,

FRANK E. BATEMAN,

City Physician.

## REPORT OF THE POLICE DEPARTMENT

---

To the Honorable, the Mayor, and Board of Aldermen of the City of Somerville:—

Gentlemen:—I respectfully submit the annual report of the Somerville police department for the year ending December 31, 1924.

### Arrests

Whole number of arrests made . . . . .		3,119
With and without warrants . . . . .	2,690	
On Summons and notification . . . . .	429	
	<hr/>	3,119
Males . . . . .	3,007	
Females . . . . .	112	
	<hr/>	3,119
Americans . . . . .	2,101	
Foreign born . . . . .	1,018	
	<hr/>	3,119
Residents . . . . .	1,772	
Non-residents . . . . .	1,347	
	<hr/>	3,119

### 1,—Crimes and Offenses Against the Person

Abduction . . . . .	1
Assaults . . . . .	3
Assault and battery . . . . .	108
Assault and battery on officers . . . . .	9
Assault with a dangerous weapon . . . . .	3
Manslaughter . . . . .	2
Murder . . . . .	2
Rape, attempt . . . . .	1
Rape attempt, accessory to . . . . .	1
Robbery . . . . .	9
Threats . . . . .	11
	<hr/>

150

### 2,—Crimes and Offenses Against Property

Breaking and entering . . . . .	29
Breaking and entering, attempt . . . . .	1
Breaking and entering and larceny . . . . .	35
Breaking glass . . . . .	14
Destroying electric lamp . . . . .	1

Injury to property . . . . .	7
Larcenies . . . . .	108
Larceny in building . . . . .	6
Larceny, attempt . . . . .	5
Leased property, concealment of . . . . .	1
Leased property, selling . . . . .	1
Personal property, concealment of . . . . .	1
Receiving stolen goods . . . . .	11
Stealing ride on freight car . . . . .	11
Trespass . . . . .	32
Unlawful appropriation of horse . . . . .	2
Unlawfully diverting electricity . . . . .	1

## Crimes and offenses Against Public Order, etc.

Abandonment of infant . . . . .	1
Abandonment of infant, aiding and abetting . . . . .	1
Accosting a female . . . . .	1
Adultery . . . . .	7
Bail surrender . . . . .	1
Bribery, attempt . . . . .	1
Capias . . . . .	26
Contempt of court . . . . .	1
Cruelty to animals . . . . .	3
Default . . . . .	32
Deserter, United States Army . . . . .	1
Desertion of minor child . . . . .	1
Desertion of wife . . . . .	2
Disturbing the peace . . . . .	6
Disturbing a public assembly . . . . .	7
Disturbing a religious assembly . . . . .	10
Dog keeping, unlicensed . . . . .	2
Drunkenness . . . . .	1,639
Drunkenness, common . . . . .	8
Firearms, carrying without permit . . . . .	2
Fornication . . . . .	4
Fugitive from justice . . . . .	1
Gaming . . . . .	2
Giving false alarm of fire . . . . .	1
Indecent exposure of person . . . . .	1
Indictment . . . . .	2
Interrupting funeral procession . . . . .	1
Lewd cohabitation . . . . .	6
Lottery, promoting . . . . .	3
Neglected child . . . . .	1
Neglect to support . . . . .	116
Obscene literature, in possession of . . . . .	1
Peddling, unlicensed . . . . .	1
Perjury, and attempt to incite . . . . .	2
Polygamy . . . . .	2
Refusing to aid officer . . . . .	1
Rescue of prisoners, and attempts . . . . .	5
Safe keeping, bail surrender . . . . .	2
Safe keeping, demented . . . . .	25
Safe keeping, escape from prison camp . . . . .	1
Safe keeping, feeble minded . . . . .	2
Safe keeping, infirm . . . . .	1
Safe keeping, insane . . . . .	5

Safe keeping, revoke of parole . . . . .	1	
Safe keeping, runaways . . . . .	7	
Stubbornness . . . . .	13	
Throwing glass in street . . . . .	5	
Vagrancy . . . . .	3	
Violation of city ordinances . . . . .	76	
Violation of health regulations . . . . .	2	
Violation of illegitimate child act . . . . .	19	
Violation of labor laws . . . . .	5	
Violation of liquor laws . . . . .	74	
Violation of Lord's Day . . . . .	24	
Violation of milk laws . . . . .	10	
Violation of motor vehicle laws . . . . .	448	
Violation of narcotic drug laws . . . . .	2	
Violation of and revoke of parole . . . . .	12	
Violation of pure food laws . . . . .	2	
Violation of terms of probation . . . . .	37	
Violation of school laws . . . . .	15	
Violation of weight and measure laws . . . . .	8	
Walking on railroad track . . . . .	2	
		<hr/>
		2,703

## Recapitulation

(1) Crimes and Offenses Against the Person . . . . .	150	
(2) Crimes and Offenses Against Property . . . . .	266	
(3) Crimes and Offenses Against Public Order, etc. . . . .	2,703	
		<hr/>
• Total number of arrests made . . . . .		3,119
Bailed to appear elsewhere . . . . .	30	
Cases in which nolle prosequi was entered and dismissed . . . . .	31	
Released by probation officer, drunkenness . . . . .	17	
Surrendered to court, other officers, institutions etc. . . . .	215	
		<hr/>
		293
		<hr/>
Number of cases held for trial . . . . .		2,826

NOTE.—One hundred and eighty-two of the above number of cases were juveniles and delinquents.

## Miscellaneous Reports

Abandoned automobiles . . . . .	118
Abandoned infant found . . . . .	1
Accidents reported . . . . .	1,066
Accosting females . . . . .	3
Amount of property stolen . . . . .	\$138,422 82
Amount of stolen property recovered . . . . .	187,076 19
Amount of property damaged . . . . .	130 00
Amount of property lost . . . . .	1,042 66
Amount of property found . . . . .	485 89
Assault and battery, and assaults . . . . .	10
Attempts to commit arson . . . . .	2
Attempts to break and enter . . . . .	55
Attempts to commit larceny . . . . .	10

Attempts to commit suicide . . . . .	6
Breaking and entering, false alarms of . . . . .	2
Buildings broken and entered, nothing stolen . . . . .	75
Buildings found open . . . . .	538
Cruelty to animals . . . . .	4
Dead animals found . . . . .	13
Dead infants found . . . . .	2
Defective bridges . . . . .	16
Defective buildings . . . . .	7
Defective catch basins . . . . .	17
Defective curb stone and driveway . . . . .	2
Defective drinking fountains . . . . .	7
Defective electric lamps . . . . .	15
Defective fences . . . . .	3
Defective fire alarm boxes . . . . .	3
Defective gas gate box . . . . .	1
Defective hydrants . . . . .	6
Defective man holes and covers . . . . .	12
Defective poles and posts . . . . .	7
Defective police signal service . . . . .	7
Defective railway . . . . .	1
Defective sewers . . . . .	3
Defective sidewalks . . . . .	389
Defective signs and sign posts . . . . .	131
Defective stand pipe . . . . .	1
Defective step . . . . .	1
Defective streets . . . . .	171
Defective United States mail box . . . . .	1
Defective water gate boxes . . . . .	45
Defective wires . . . . .	89
Disturbances . . . . .	30
Dogs killed . . . . .	47
Dog unlicensed . . . . .	1
Dogs vicious . . . . .	6
Feeble minded . . . . .	1
Fire, alarms given for . . . . .	10
Fire, danger of . . . . .	1
Fire, false alarms of . . . . .	23
Fire, needless alarms for . . . . .	6
Fires reported . . . . .	279
Fireworks, selling without permit . . . . .	1
Gaming . . . . .	3
Gas leaks . . . . .	3
Gas poisoning . . . . .	1
Horses killed . . . . .	2
Houses unoccupied . . . . .	83
Idle and disorderly . . . . .	1
Indecent exposure of person . . . . .	4
Infirm persons cared for . . . . .	2
Larcenies, no value given . . . . .	178
Larcenies . . . . .	864
Lost children . . . . .	273
Lost children found . . . . .	273
Malicious mischief . . . . .	36
Missing persons . . . . .	86
Missing persons found . . . . .	84
Obstructions on railroad tracks . . . . .	2
Obstructions on railways . . . . .	2
Obstructions on sidewalks . . . . .	19
Obstructions in streets . . . . .	37



Obstructions in streets, lighted . . . .	12
Obstructions in streets, not lighted . . . .	6
Panes of glass broken . . . . .	225
Permits issued to carry firearms . . . .	224
Permits to labor on Lord's Day . . . .	74
Persons bitten by dogs . . . . .	47
Property damaged and destroyed . . . .	62
Property lost, no value given . . . . .	71
Property found, no value given . . . . .	76
Robberies, and attempts to rob . . . .	34
Runaway children . . . . .	19
Runaway children found . . . . .	20
Runaway horse . . . . .	1
Runaway teams . . . . .	3
Runaway teams stopped . . . . .	2
Sidewalks and streets dangerous from snow and ice . . . . .	74
Sidewalks, streets and subways flooded . . .	20
Stray bullets fired . . . . .	4
Stray dogs and other animals . . . . .	140
Stray dogs and other animals found . . . .	72
Stray teams . . . . .	4
Stray teams found . . . . .	4
Street lights reported . . . . .	4,962
Sudden deaths . . . . .	8
Suicides . . . . .	5
Summonses served for witnesses and defend- ants to appear in court at other places . .	860
Suspicious persons . . . . .	112
Threats . . . . .	1
Trees dangerous . . . . .	34
Trespass . . . . .	62
Trespass, wilful . . . . .	11
Unlawful appropriation of horse . . . .	1
Unlawful appropriation of team . . . .	1
Vagrancy . . . . .	1
Violation of city ordinances . . . . .	229
Violation of health regulation . . . . .	1
Violation of labor laws . . . . .	2
Violation of Lord's Day . . . . .	3
Violation of motor vehicle laws . . . .	24
Violation of pool room law . . . . .	1
Water pipes leaking . . . . .	129
Windows broken . . . . .	73

## OFFICIAL ROSTER OF DEPARTMENT

## Chief of Police

Charles A. Kendall

## Captain

Eugene A. Carter

## Lieutenants

James M. Harmon  
John A. Ray  
Thomas Damery

Michael T. Kennedy  
Ernest Howard

## Sergeants

Frank H. Graves  
James M. Lynch  
William G. Kenney

Robert T. Blair  
Thomas P. Walsh  
Charles J. Sharry

## Patrolmen

1—Edward M. Carter  
2—Theodore E. Heron  
3—Daniel G. Simons  
4—Samuel Burns  
5—John A. Dadmun  
6—George L. Rice  
7—Myron S. Gott  
8—Charles W. Reick  
9—Frank C. Hopkins  
10—Hudson M. Howe  
11—Sanford S. Lewis  
12—Henry A. Sudbey  
13—Thomas F. McNamara  
14—Louis F. Arnold  
15—Charles S. Johnston  
16—Claude L. Crossman  
17—John J. Cummings  
18—Edmund J. Keane  
19—Denis Downey  
20—Edward M. Davies  
21—George A. C. Peters  
22—Louis J. Belzarini  
23—Walter Reed  
24—Dennis G. Mulqueeney  
25—Patrick J. Doolin  
26—Edward J. Hopkins  
27—Walter L. Groves  
28—Joseph A. Dwyer  
29—Augustine J. Fitzpatrick  
30—Patrick McGrath  
31—Bernard McCabe  
32—Harry C. Young  
33—Robert D. Dewar  
34—Peter Moore  
35—Albert C. Hawes  
36—Walter C. Oesting  
37—John L. Cameron  
38—Francis P. Higgins  
39—John J. McCahey

40—Alexander Morrison  
41—Daniel J. Powers  
42—Jeremiah O'Connor  
43—Charles E. Wilson  
44—Timothy Buckley  
45—John J. Killourhy  
46—Thomas M. Sharry  
47—Michael J. O'Loughlin  
48—Charles W. Shepherd  
49—John F. Cruise  
50—John J. Shay  
51—Edward G. Butman  
52—John P. L. O'Keefe  
53—Alfred E. Robitaille  
54—Allan S. Burns  
55—William H. Donovan  
56—George R. Allan  
57—Jeremiah Keniry  
58—James Murray  
59—Charles J. Fulton  
60—Edward F. Culliton  
61—Alfred J. McFadden  
62—James A. Fitzpatrick  
63—Elmer E. G. Raymond  
64—Frank J. Roche  
65—Augustine F. Sharry  
66—Daniel M. O'Connell  
67—Chester F. Warner  
68—George D. MacDonald  
69—Charles F. Lacey  
70—William E. Dwyer  
71—Charles H. McAvoy  
72—James F. Holmes  
73—Michael J. Dowd, Jr.  
74—Patrick J. Lyons  
75—Alfred S. Macomber  
76—Thomas A. Donovan  
77—Thomas J. Flanagan  
78—Timothy J. Corkery

**Patrolmen, Continued**

79—Leo J. Hurley	82—John J. Courtney
80—Henry W. Roche	83—Pierce P. Ronayne
81—John H. Baker	

**Reservemen**

84—Joseph P. Blake	88—Edmond F. Flynn
85—Frank A. Silva, Jr.	89—LeRoy V. Pierce
86—John J. Smith	90—Francis R. Begley
87—Dennis F. Kearney	

**Chauffeurs and Patrol Drivers**

1—James W. Lundergan	4—George R. Estee, Jr.
2—John H. McKenzie	James H. White
3—William R. Burnett	

**Matron**

Mrs. Mina T. Weeks

**Assistant Matron**

Mrs. Katherine Woods

**Pensioners Retired on Half Pay**

Ira S. Carleton,	May 9, 1907	Elmer E. Drew,	July 25, 1918
James J. Pollard,	Feb. 27, 1908	Ernest S. Goff,	July 11, 1919
Herbert Hilton,	Dec. 21, 1911	Charles W. Allen,	Mar. 26, 1920
Ezra A. Dodge,	Mar. 14, 1914	Jotham Chisholm,	Apr. 23, 1920
George H. Carleton,	Mar. 27, 1914	Charles E. Woodman,	
Frederick H. Googins,			June 24, 1921
	Mar. 12, 1915	Frederick G. Jones,	Feb. 9, 1923
Jacob W. Skinner,	Dec. 31, 1917	Francis A. Perkins,	Apr. 25, 1924

**CHANGES IN THE FORCE****Discharges**

Patrolman John H. O'Leary, discharged after hearings, to date from April 27, 1924.

**Resignations**

Patrolman Earle W. Elliott, resigned May 2 1924.

**Leave of Absence**

Patrolman Michael J. O'Loughlin, granted leave of absence, July 4 to Sept. 20, 1924.

Patrol Driver and Chauffeur, James H. White, granted leave of absence, Nov. 1, 1924 to Jan. 31, 1925.

**Death**

Retired pensioner, John E. Fuller, died Jan. 8, 1924.

**Appointments**

Francis R. Begley, appointed reserveman, May 17, 1924.  
 Elmer E. G. Raymond, reinstated as patrolman, May 22, 1924.  
 George D. MacDonald, reinstated as patrolman, May 22, 1924.  
 George R. Estee, Jr., appointed temporary patrol driver and chauffeur, Nov. 1, 1924.

**Police Signal Service**

Number of on duty calls made by the patrolmen . . .	276,180
Telephone calls made by the officers and patrolmen . . .	46,025

**White Combination Automobile Service**

Number of runs made in conveying prisoners to station . . .	104
Number of prisoners conveyed . . . . .	114
Number of sick and injured conveyed . . . . .	621
Number of miles run in conveying prisoners to station . . . . .	207.8
Number of miles run in conveying sick and injured . . . . .	1,913.9
Number of miles run in conveying prisoners to and from jail . . . . .	54.3
Number of miles run elsewhere . . . . .	656.1
Total number of miles run during the year . . . . .	2,832.1

**Reo Combination Automobile Service**

Number of runs made in conveying prisoners to station . . . . .	1,426
Number of prisoners conveyed . . . . .	1,749
Number of sick and injured conveyed . . . . .	80
Number of miles run in conveying prisoners to station . . . . .	2,804.6
Number of miles run in conveying sick and injured . . . . .	224.8
Number of miles run in conveying prisoners to and from jail . . . . .	956.6
Number of miles run elsewhere . . . . .	1,280.6
Total number of miles run during the year . . . . .	5,266.6

**Touring Car Reports**

Number of prisoners conveyed to station . . . . .	116
Number of sick and injured conveyed . . . . .	20

**International Harvester Co. Auto Car Reports**

Sick and injured conveyed . . . . .	1
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## REPORT OF LIQUOR OFFICERS

The following is the report of the liquor officers from Jan. 1 to Dec. 31, 1924.

Cases investigated . . . . .	433
Search warrants served . . . . .	314
Cases in District Court . . . . .	76
Fines imposed in District Court . . . . .	\$4,950.00
Jail sentences imposed in District Court . . . . .	11

## Seizures

Intoxicating liquors, gallons . . . . .	2,374
Mash, gallons . . . . .	305
Stills . . . . .	8
Hydrometers . . . . .	3
Kegs, jugs, cans, bottles, etc. . . . .	12,611
Beer cases . . . . .	140
Corks . . . . .	3,500

Respectively submitted,

FRANK H. GRAVES and JAMES M. LYNCH,  
*Sergeants.*

## Report of Transfers and Sales of Motor Vehicles

Number of licenses granted by the Mayor and Board of Aldermen.

First class . . . . .	13
Second class . . . . .	18
Third class . . . . .	6
Total . . . . .	37

Note:—Two licenses were revoked at the request of the persons to whom they were granted.

Number of sales and transfers made by dealers . . . . .	4,079
Number of individual sales . . . . .	2,068
Number of stolen motor vehicles reported by the several Police Departments, Insurance Agencies and Detective Bureaus in the United States and Canada . . . . .	9,393
Number of motor vehicles recovered by above . . . . .	5,390
Number of index cards filed . . . . .	21,634

Respectfully submitted,

DANIEL G. SIMONS, *Police Officer.*



## REPORT OF POLICE MATRON

To Charles A. Kendall, Chief of Police.

Dear Sir:—I herewith submit my report as matron for the year ending Dec. 31, 1924. The following females and minors were placed in my care, charged with the following offenses etc.

Abandonment of infant . . . . .	1
Adultery . . . . .	3
Assault . . . . .	3
Assault and battery . . . . .	7
Concealing personal property . . . . .	1
Default . . . . .	2
Demented . . . . .	6
Desertion of minor children . . . . .	1
Drunkenness . . . . .	47
Fornication . . . . .	2
Illegal sale of intoxicating liquor . . . . .	2
Keeping intoxicating liquor for sale . . . . .	4
Larceny . . . . .	6
Lewd and lascivious cohabitation . . . . .	3
Loitering on street . . . . .	2
Lost children . . . . .	66
Malicious injury to property . . . . .	1
Receiving stolen property . . . . .	1
Runaway . . . . .	1
Safe keeping . . . . .	6
Stubbornness . . . . .	6
Unlawfully diverting electricity . . . . .	1
Violation of motor vehicle laws . . . . .	4
Violation of probation . . . . .	2
Total . . . . .	178

Respectfully submitted,

MRS. MINA T. WEEKS, *Matron.*

## Conclusion

I wish to call your attention to the need of a new police building, the present one is in a dilapidated condition and is probably beyond repair for police business.

I wish to express my sincere thanks to His Honor the Mayor John M. Webster, members of the board of aldermen, court officials, heads of departments, newspaper men and members of this department who have all assisted me in the discharge of my duties.

Respectfully submitted,

CHARLES A. KENDALL,

*Chief of Police.*

## REPORT OF THE LAW DEPARTMENT

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To the Honorable the Mayor and the Board of Aldermen of the City of Somerville:

The annual report of the law department for the year ending December 31, 1924, is as follows:

An act was passed by the legislature providing that the biennial municipal election shall take place on the Tuesday next after the first Monday of November, 1925, and every second year thereafter, to take effect upon its acceptance by the board of aldermen.

In order to secure from the state a refund of interest paid by the city in connection with the abolition of railroad grade crossings a petition was filed with the legislature by the city treasurer. Legislation was secured and the refund was made.

A resolve was passed by the legislature for an investigation by the division of metropolitan planning of "Methods and means for providing better and more rapid transportation within and for the city of Somerville and improved facilities therefor."

An act was passed for the construction by the metropolitan district commission of a northern traffic route along Charles river and through East Cambridge and Somerville to the Wellington bridge over Mystic river as a "convenient and adequate way for motor vehicles and other traffic between Boston and the territory north and east thereof.....". This improvement has been under consideration by the legislature from time to time for about thirty years.

The county commissioners of the county of Middlesex made a taking of land twenty-five feet in width on the south-erly side of Bridge street in East Cambridge under the provisions of chapter 504 of the acts of the year 1922 for the purpose of widening the street. No construction work has been done. It is probable that the northern traffic route above mentioned will be laid out over the same location.

Proceedings were brought in the superior court in behalf of sub-contractors recently engaged in the erection of the Leonard B. Chandler schoolhouse on Marshall street, the general contractor having become unable to pay them in full. The Maryland Casualty Company as surety on the general contractor's bond was made a party to the suit and helped bring about an early settlement whereby the sub-contractors were paid their claims.

An appeal by a member of the police department from his removal by the mayor and board of aldermen was tried in the district court of Somerville and the removal was sustained.

Ralph M. Smith, Esq., as assistant in this department disposed of street accident claims, examined titles of land taken for park and playground purposes on Cherry street and land taken for schoolhouse purposes on Beacon street and made many collections by suit and otherwise for the city treasurer of claims in behalf of the city coming from various departments. Two street accident cases tried by him resulted in verdicts against the city and are now before the supreme court on questions of law, both cases having been reserved by the justice who presided at the trial.

Yours very respectfully,

FRANK W. KAAN,

*City Solicitor.*

## REPORT OF THE SCHOOL COMMITTEE CITY OF SOMERVILLE

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School Committee Rooms, December 29, 1924.

Ordered, that the annual report of the Superintendent of Schools be adopted as the annual report of the Board of School Committee, it being understood that such adoption does not commit the Board to the opinions or recommendations made therein; that it be incorporated in the reports of the City Officers; and that 1,000 copies be printed separately.

CHARLES S. CLARK,

*Secretary of School Board.*

## School Committee, 1924

OSCAR W. CODDING . . . . .	Chairman
WALTER I. CHAPMAN . . . . .	Vice-Chairman

## Members

## EX-OFFICIIS

JOHN M. WEBSTER, Mayor . . . . .	76 Boston street
LYMAN A. HODGDON, President Board of Aldermen, . . . . .	8 Indiana avenue

## WARD ONE

FRANCIS J. FITZPATRICK . . . . .	2 Austin street
JOHN J. HAYES . . . . .	10 Wisconsin avenue

## WARD TWO

DANIEL H. BRADLEY . . . . .	19 Concord avenue
CHRISTOPHER J. MULDOON . . . . .	88 Concord avenue

## WARD THREE

CHARLES W. BOYER . . . . .	66 Avon street
OSCAR W. CODDING . . . . .	59 Vinal avenue

## WARD FOUR

KATHERINE C. COVENEY . . . . .	73 Marshall street
WALTER E. WHITTAKER . . . . .	135 Walnut street

## WARD FIVE

HARRY M. STOODLEY . . . . .	283 Highland avenue
MINNIE S. TURNER . . . . .	64 Hudson street

## WARD SIX

WALTER I. CHAPMAN . . . . .	18-A Central street
WALTER FRYE TURNER . . . . .	15 Highland road

## WARD SEVEN

HERBERT CHOLERTON . . . . .	94 College avenue
EDWIN A. SHAW . . . . .	63 College avenue

## Superintendent of Schools

CHARLES S. CLARK

Office: City Hall Annex, Highland avenue.

Residence: 75 Munroe street.

The Superintendent's office will be open on school days from 8 to 5; Saturdays, 8 to 10. His office hour is 4 o'clock on school days, and 8.30 on Saturdays.

## Superintendent's Office Force

Mary A. Clark, 42 Highland avenue.

Mildred A. Merrill, 26 Cambria street.

Marion E. Marshall, 30 Gilman street.

Ruth O. Elliott, 4 Lincoln Place.

Beatrice M. Hersom, 62 Highland avenue.

S. Regina Truelson, 38 Rogers avenue.

Bernice F. Parker, 11 Dickson street.

## Board Meetings

January 7	March 31	June 30	November 24
January 28	April 28	September 29	December 29
February 18	May 26	October 27	
		8.15 o'clock	



## Standing Committees, 1924

Note—The member first named is chairman.

District I.—Fitzpatrick, Hayes, Bradley.

PRESCOTT, HANSCOM, BENNETT

District II. — Muldoon, Bradley, Fitzpatrick.

KNAPP, PERRY, BAXTER

District III. — Boyer, Coddington, Muldoon.

POPE, CUMMINGS

District IV. — Coveney, Whittaker, Coddington.

EDGERLY, GLINES

District V. — Miss Turner, Stoodley, Coveney.

FORSTER, BINGHAM

District VI. — Chapman, Turner, Stoodley.

CARR, MORSE, PROCTOR, DURELL, BURNS, BROWN

District VII. — Cholerton, Shaw, Chapman.

HIGHLAND, CUTLER, LINCOLN, LOWE

High Schools — Chapman, Stoodley, Hayes, Bradley, Coddington, Whittaker, Shaw.

School Accommodations — Cholerton, Bradley, Fitzpatrick, Boyer, Miss Coveney, Miss Turner, Turner, Mayor Webster, President Hodgdon.

Teachers — Miss Turner, Chapman, Fitzpatrick, Muldoon, Coddington, Miss Coveney, Cholerton.

Finance — Stoodley, Fitzpatrick, Muldoon, Coddington, Miss Coveney, Chapman, Cholerton, Mayor Webster, President Hodgdon.

Text-Books and Courses of Study — Muldoon, Chapman, Hayes, Coddington, Miss Coveney, Miss Turner, Shaw.

Industrial Education — Boyer, Muldoon, Hayes, Whittaker, Miss Turner, Turner, Cholerton.

Health, Physical Training and Athletics — Fitzpatrick, Boyer, Bradley, Whittaker, Stoodley, Turner, Shaw.

Rules and Regulations — Turner, Hayes, Bradley, Boyer, Whittaker, Stoodley, Shaw.

## REPORT OF THE SUPERINTENDENT OF SCHOOLS

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### TO THE SCHOOL COMMITTEE:

Herewith I submit the Annual Report of the Superintendent of Schools for the year now closing, which becomes the fifty-third in the series of such reports made by the School Committee.

#### MEMBERSHIP

The membership of all the schools has increased during the present year. In this month of December, the number of pupils in the day schools, exclusive of the Continuation Schools, is 14,853, a gain of 189 over the number in attendance at the same time last year. This increase is in accord with the steady growth of the last few years.

It is interesting and significant to notice the distribution of this growth. Of this increase, 121 are in the High School, 37 in the Junior High Schools, 21 in the Elementary Schools, and 10 in the Vocational School for Boys. The same report shows a membership of 2115 in the High School with a Senior Class of 534 pupils. This class will probably graduate a larger number of pupils than the class of 1924, which up to that time was the largest graduating class in the history of the school with the exception of the class of 1922. As that was a double class, resulting from the elimination of the ninth year from the Grammar School, it does not count in the general trend of High School growth. The fact that stands out is that there has been a slow but steady increase in the membership of the High School for the last few years. Examining the reports from the Junior High Schools, we find that there is a growth of 37 since last year. While this is relatively a small number, it indicates a persistency in the tendency of growth in the Junior High Schools as well as in the Senior High School. Under the conditions now existing, this tendency is likely to continue a few years, but with any considerable increase in the population of the city, the tendency will produce larger results and will be shown in increased numbers in both the Junior and Senior High Schools.

#### WORK OF THE SCHOOLS

It is generally conceded that education is a fundamental of good government. In a democracy where all political power is derived from the people through the means of uni-

versal suffrage the nature of the government, even its perpetuity, is dependent upon the qualifications which the electorate possess for exercising the function of voting and for supporting the institutions of the social order resulting therefrom. These qualifications are determined by various agencies but of them all the one which the State makes compulsory upon all the youth is Education. Compulsory education is the means by which the State seeks to make of the boys and girls of today the intelligent and sound voting citizenry of tomorrow. This being the accepted fact, it follows that educational undertakings must be organized and conducted in such a manner and to such an extent as to produce the results expected of it. Conversely, failure to provide the organization and means essential to the accomplishment of these aims must be followed to greater or less extent by a loss in results.

What is expected of education today? Apparently much more than is provided for. Health, character and civic responsibility, knowledge, ability and willingness to do useful work, capacity to make worthy use of leisure, are all definitely laid upon the schools today as aims to be accomplished in the interest alike of the individual and of society. These aims involve many subdivisions of efforts, making a complex whole. But for each individual in every stage of the educational process these are aims constantly to be sought.

Some of these aims were in a simpler state of society largely the tasks of homes. But rapid changes in living have in the last few years made necessary the transfer of these duties from the homes to the schools. Evidence of this fact abounds in current discussions. A tendency is shown to lay the present ills of society to failure of the schools. A more profitable and helpful course would be found in making inquiry to ascertain whether society has properly equipped the schools for the tasks which it lays upon them.

The school plants of former days are not adequate for present-day needs. They were provided when knowledge was the chief goal sought in the schools. A seat for every pupil in well ventilated and lighted schoolrooms along with books and simple apparatus was sufficient for the needs of the times. More varied undertakings demand more varied provisions. Assembly rooms, varied laboratories and shops, especially equipped commercial rooms, music, art, community, clinic, exercise rooms and playgrounds, equipment for visual, physical, and industrial education, these are some of the additional provisions indicated by the present-day demands upon the schools.

It should be borne in mind that the schools do not create these demands. The state of society, the great undertaking



of training children to be the supports of organized society, create them. The schools but respond to the demands to the extent that they are given the means for doing so.

This transition from the simpler to a more complex organization is of necessity accompanied by request for things which can only be furnished by appropriations of larger sums of money. Thus it happens that "the schools are always asking for more money."

Our schools are organized to meet the needs of the day. The recent additions to the Junior High School plants have done much to bring them up to a state of preparedness for meeting the requirements of the times. The Elementary Schools are in most parts of the city better off than ever before. But the High School is seriously handicapped by lack of sufficient rooms, by the entire absence of provisions for some of the activities essential to the conduct of the educational program of a great present-day high school, and by the inferior organization of some of its work due to building limitations. The Boys' Vocational School provides an opportunity of great value to many boys. While its offerings are now limited to three kinds of industrial work, other lines can be added whenever the demand for them justifies such a course.

In all of these main divisions of the day schools the School Committee has organized the educational work so as to accomplish the objectives of the new education as far as the facilities at its command will permit. The city has made generous provision in recent years to help this work. But until the educational means are adequate to the educational needs the School Committee should not stop making representations of needs nor the city stop providing for them to the extent to which the citizens want their schools to maintain efficiency.

Among the newer objectives for which public opinion demands that the public schools shall assume responsibility are preparation for citizenship, inculcation of thrift, and promotion of health. What is being done in the schools in relation to each of these aims is shown in the following outlines.

### *Civics*

The general aim of the teaching of Civics is to give a pupil knowledge concerning the government and the laws under which he lives and by training to prepare him to discharge the duties imposed upon him by law. Knowledge is provided by instruction; training, the application of knowledge to conduct, is the more difficult thing to give as it involves providing experiences for the pupil by means of which he may become habituated in right reactions to civic duties. Such experiences the routine relations of the classroom do not provide.

Other activities must be employed in which the pupil takes a part corresponding to that which will devolve upon him when he leaves school. By means of such training conduct is motivated by right ideals and by doing the pupil is prepared to assume his share of civic responsibilities. Therefore training and instruction are component parts of the work in Civics throughout the whole school period. During the first six grades a systematic course of instruction is followed in which the elements of home, school and local government are taught. Training is given by cultivating habits of obedience to authority and cooperation in school relations through such school experiences as the teacher can make serve the purpose. Formal instruction in U. S. History, Civics, and the Constitution of the United States is given in the Junior and Senior High Schools, while the effort to provide training is greatly increased. Student participation in school affairs through the instrumentality of student councils and traffic squads is an outstanding feature of these schools. By these means pupils are given a chance to make laws for their own government in certain situations and to subject themselves to the enforcement of these laws by their own representatives. These measures are working well and will be extended as experience dictates and facilities will permit.

#### *Dental Dispensary*

A new dental dispensary was opened in the Knapp School at the beginning of the present school year fully provided with the most modern dental furniture and appliances. This new equipment was purchased and given to the schools by the Somerville Chapter of the American Red Cross which has promised in addition to this gift to maintain the dispensary and to pay for the services of a dentist. Superior accommodations for the dispensary were made through Mayor Webster's interest in the project. By his order two rooms on the ground floor of the Knapp School, hitherto used for storage purposes only, were during the summer vacation made over to meet the needs of the dispensary. Extensive carpenter, plumbing, steam fitting and painting work was done before the equipment was installed. When finished the dispensary consisted of a pleasant reception room and operating room both furnished with everything needed to make the enterprise successful. For this addition to the resources of the schools credit is due to Francis A. Ryan, Chairman of the Somerville Chapter of American Red Cross, who not only made the offer on behalf of the Red Cross but also spent a good deal of time in studying the question of school dental dispensaries and in selecting and securing suitable equipment for the proposed new one in Somerville.



Service in the new dispensary, like that at the dental dispensary in the Proctor School, is furnished during the forenoon of every school day. One half of the schools sends pupils to the Knapp dispensary, the other half to the Proctor. Benefits from dental treatment to school pupils have thus been doubled by the opening of this new dispensary. This result is gratifying because it increases the efficiency of the work of the schools in a field wherein the City of Somerville was a pioneer, the dental dispensary at the Proctor opened in 1910, being one of the first to be established in connection with public schools by any community in the state.

### *Thrift*

The objective world in which the child of today lives is one of prodigal spending. Allurements for personal indulgences which cost money strike him on every side. Among all these evidences of the prevalence of the disposition to spend money freely without regard for the future, few indeed and feeble are efforts made to cultivate in him a power of self-restraint which will enable him to withstand present temptations for the sake of future security and prosperity. There has, however, been sufficient public recognition of the dangers of the present situation to impose the demand upon the public schools to include the inculcation of the habit of thrift among its objectives. Our schools have for a number of years been doing a quiet but useful work in teaching saving. Recently in response to the urgency of the needs these efforts have been increased with the result that the present school bank system has attained results which compare favorably with the accomplishments of public schools anywhere. Not content with the extent to which present conditions of teaching thrift can produce efficiency, the School Committee has during the present year studied various plans for improvement. To extend instruction in thrift so as to train every pupil in the right use of his economic resources requires additions to our present ways and means for handling the subject. The best plan to adopt for this purpose is what the School Committee is now concerning itself to find.

### *Health*

A yearly physical examination of the pupils has been under consideration of the Standing Committee on Health, Physical Training, and Athletics during the year. Such an examination is required by law and the Department of Education has provided forms for keeping a cumulative record of the examinations of each pupil. The purposes of the examinations are to discover any defects likely to interfere with school work, to furnish information by means of which the health

of pupils may be safeguarded and improved, and to furnish data for comparisons of the pupil's development from year to year. While the Committee has approved in principle the making of these examinations yearly, it has not yet been able to conduct them because of lack of means. As a small sum would be sufficient to provide the things needed for this work, a beginning should be made during the coming year.

### *Safety Education*

Preservation of life has become a new talk of the schools. The alarming increase in accidents and fatalities due to dangers incident to present day conditions has become a matter of local, state, and national concern. Everywhere measures to promote the safety of life are being adopted. In accordance with this wide-spread feeling the Somerville Safety Council was formed early in the year to combat the dangers which abound in our streets and to promote among all classes of people a sense of caution which would serve as a protection from these dangers. Among the first of its acts was a request for the schools to train pupils to avoid these risks and to aid in the campaign for safety. In response to this request a campaign of safety education was immediately begun in the schools by authority of the School Committee. Before the close of the school year in June all the pupils in the city had been reached by lectures and moving pictures given by representatives of the Massachusetts Safety Council. Junior Safety Councils have been formed in many schools and constant effort is being made to train pupils to look out for the dangers which threaten them in the streets and elsewhere. Particularly has an effort been made to keep them from playing in the streets. In this matter as in some of the other educational attempts the aim has been to get pupils to cooperate among themselves in the work of promoting habits of care and avoidance of danger. This work is well under way and will become more effective as it becomes better organized.

### ACCOMMODATIONS

In January of this year the new Junior High School building on Marshall street was completed and it was occupied for the first time on March 3, 1924. The building was formally dedicated to school uses in a meeting held on the evening of May 14, 1924. The program for this meeting was in charge of Mayor John M. Webster and the Committee on Public Property of the Board of Aldermen under whose care the building had been constructed. This meeting marked the successful accomplishment of one of the most important building projects ever **undertaken by the City**. It is the largest

school building ever **planned for and built** in Somerville. It is of first-class construction and is beautiful within and without. It was planned to contain the maximum of educational features with a minimum of waste space. Put in another way, the building gives the largest educational service in variety of activities provided for and in the number of pupils accommodated which could be obtained from its cubage. After being put to the test of occupancy for nearly a year, the building has fully justified all of the hopes which careful planning had in view. Unstinted praise has been bestowed upon it by the numerous visitors who have come from far and near to inspect the building and to see the school. It is an outstanding example of the wise use of public money in accomplishing a large educational project with economy and efficiency.

Several important changes in the use of school buildings have followed the opening of this new building. The buildings formerly occupied by the Northern and Eastern Junior High Schools were made available for other purposes. The Prescott and Southworth buildings were filled by classes transferred from the Edgerly and Glines Schools. Three rooms in the Edgerly School are used now for elementary classes but it is proposed to abandon them for elementary school purposes at the close of the present school year. As the result of these changes consequent upon the use of the new school building, the elementary school organization formerly housed in the Edgerly School has now a much better home. While it is one of the older buildings, the rooms of the Prescott School are large and pleasant. The building is substantially constructed. The Southworth building is new and has a room which can be used as an assembly hall. The two buildings are connected and are easily operated as a unit. By the transfer to this group of buildings the Edgerly School organization has secured more and better rooms, has a location quieter and more removed from the dangerous traffic of Cross Street, and has the advantage of an assembly room, a workshop, and a kitchen. Eight rooms in the Forster School are now occupied by elementary classes and a part of the Folsom School building is used by the Continuation School which was transferred to it from the High School in September.

### *High School*

Attention should now be given to plans for improving high school conditions. The **present accommodations are inadequate** both in respect to the number of pupils and in respect to proper provisions for the activities of the school. More rooms of various kinds are needed.



An exercise room or gymnasium large enough to provide suitable indoor play space for boys and girls is a conspicuous need. For years the School Committee has been urging this necessity upon the attention of the public. The reasons for making this request now are more pressing than ever before. The two thousand boys and girls of the High School are eager to have an indoor place where they can conduct their physical exercises and sports. Consideration for the physical development of these youth as well as for their enjoyment of athletics makes the providing of a gymnasium for the High School in the near future a measure of civic duty. At present the High School plant is the result of building at various times additions sufficient only for the minimum need of the time. The structure as a whole is so diverse in its parts as to be lacking in the unity of plan which would characterize a new building. Therefore further additions to include the desired features should be made only after a careful examination of the whole plant and a determination as to the best way of making changes and additions necessary to bring the facilities up to modern standards.

#### *Southern Junior High School*

Although this plant was enlarged in 1923 the additions then made were not deemed to be sufficient to provide all the additional accommodations needed for that school. Unlike the Western and Northeastern Junior High Schools the Southern has no large assembly room. Such a room and additional classrooms should be provided for this school in the near future.

#### *Boys' Vocational School*

\* During the past year the Somerville Chamber of Commerce has petitioned the School Committee for an enlargement of the activities of this school. Such enlargement cannot be made without additional space for the school. Whether such space should be secured by additions to the present building or by taking the Edgerly School for this work is a matter which should be carefully considered.

#### *Further Provisions for Physical Education*

It is conceded that health is one of the first objectives of education. For growing youth physical exercises and play are nature's means of promoting physical development and maintaining bodily health. The importance of this subject is recognized in the laws of the State which now make physical education a required subject in school programs. The schools are prepared to furnish instruction in this subject but to do so to an adequate extent they must have the necessary means.

What is needed now is additional space indoors and outdoors where free exercises and play may be conducted under the direction of the schools. Such indoor free exercise rooms should be provided in the near future for the three junior high schools as well as for the high school. As we are situated, adequate outdoor play space cannot be had in proximity to the High School or to the Southern or Northeastern Junior High Schools. But fortunately this defect can measurably be remedied by improvements at Dilboy Field which would make that large area a positive force in the city's educational work. A house located on this field, containing suitable and adequate provision of lockers, showers, and dressing rooms, would make effective for our youth, as well as for citizens generally, what is now chiefly a potential asset. Probably of all the things indicated in this report as being needed for the welfare of the youth, the building of such a field house would furnish immediately the most benefit to the largest number, for the smallest outlay of money.

#### TEACHERS

Changes in the teaching corps have been no more than usual but have been enough to cause considerable loss, temporarily, at least, to teaching efficiency and to create a difficult problem for the administration. There are two sources of supply for filling vacancies. The first is the group of Somerville graduates of State Normal schools or colleges who have served the probationary year provided by the Rules and Regulations of the School Committee. The second is the field of experienced teachers who will leave their positions to come to Somerville. The cadet group is limited to twelve persons in any one year. This group is too small to fill all the vacancies and it does not contain a sufficient range of qualifications to provide candidates for all kinds of teaching positions. Although cadets must spend one year teaching in our schools under supervision before they can be appointed, they are at the time of beginning work as regular teachers relatively inexperienced. While it is good policy for a school system to train in service some of its own young teachers who have had an approved professional education, it should not attempt to do this work for a larger number than its supervisory force can adequately manage. Our practice is safe and sound for our present conditions but it would be unwise to try to do much more under them. Since this is so, it becomes necessary therefore to fill many vacancies with teachers taken from other communities. Our exactions of qualifications are severe. The standards of our schools are high. Our patrons want the best. Successful teachers are diligently sought for



the vacancies in our schools, but the disparity which at one time existed between the salaries of our schools and those of the schools of other communities has generally disappeared and with it the inducement for successful teachers to change to come to us. This condition is making the securing of new teachers increasingly difficult. Successful teachers of two or three years' experience generally are receiving a hundred dollars more than our salary schedule allows for those years, even in places where the obtainable maximum is lower than ours. Teachers are prone to prefer a larger sum in hand to a smaller one, even though in the latter case a higher ultimate maximum is assured.

The situation which affects us is shared by neighboring communities. The limited supply of teachers, the preying of one community upon another, the response of the teaching personnel to the lure of higher pay elsewhere, all combine to compel a community either to pay salaries sufficient to get the kind of teachers it wants or to accept such teachers as its salary schedule will attract.

During the year twenty-six teachers resigned, seven to be married, three to study, three to enter business, one to go to the schools of Boston, and twelve for other reasons.

Thirty-seven teachers were elected during the year and assigned as follows: High School 2, Junior High schools 13, Elementary Schools 21, and Continuation School 1.

#### IMPROVEMENT PLAN

In order to encourage the professional improvement of teachers in service, the School Committee at its regular meeting on December 31, 1923, adopted a plan for additional pay to teachers who will pursue approved courses of study. The provisions of this plan are shown in the following report from the Committee on Finance which was presented at that meeting and was adopted by the School Committee:

This Committee has given careful and long attention to the question of increase of salary in our schools. It has voted to report to the School Committee recommendations as follows:—

1. The adoption of a scheme of salary increments to be earned by professional study amounting in all to \$300, divided into four increments of \$75 each.

This salary plan has been in operation for a number of years in Quincy and Haverhill. Representatives of the Finance Committee have studied the plan in both places.

2. The granting of an addition of \$100 to the maximum of Junior High School teachers, raising it from \$1,500 to \$1,600; effective January 1, 1924.

3. The granting of an addition of \$100 to the maximum of Junior High School teachers who are college graduates, in service or to be elected, raising their maximum from \$1,600 to \$1,700; effective January 1, 1924.

Applying the above, the situation will be as follows:—

Elementary teachers will have a basal maximum of \$1,500, with an obtainable promotional maximum of \$1,800.

Junior High School teachers, not college graduates, will have a basal maximum of \$1,600, with an obtainable promotional maximum of \$1,900.

Junior High School teachers, college graduates, will have a basal maximum of \$1,700, with an obtainable promotional maximum of \$2,000.

High school women will have a probable basal maximum of \$1,750, with an obtainable promotional maximum of \$2,050.

High school men teachers will have a probable basal maximum of \$2,500, with an obtainable promotional maximum of \$2,800.

#### Outlines of a Plan for Additional Pay for Accredited Professional Study

To give encouragement for professional improvement of teachers in the service by means of extended study, additions to the salary schedule are proposed, to be made in accordance with the provisions noted below:

1. Any teacher who presents evidence to the Superintendent of having complied with the conditions hereafter stated, shall receive increase in salary as herein provided.

2. Increments of pay will be voted by the School Committee, amounting to \$300 for 360 college hours of professional study, approved by the Superintendent of Schools. The sum will be divided into units of \$75 for 90 college hours of such professional study.

3. Courses of study to entitle a non-college graduate in the elementary or junior high schools to credit must be courses in advance of those required for graduation in a high school or normal school. In the case of college graduates in the junior high schools, and all high school teachers, courses of study must be of a college post-graduate nature.

4. Courses must be such as are given by colleges of approved standing with credit towards degrees, unless for special reasons the Superintendent excepts from this requirement a specific course, and must be approved in writing in advance by the Superintendent.

5. No credit will be allowed except upon presentation of a passing mark obtained in the course.

6. Credit may be obtained either through extension

course, certain approved correspondence courses, or summer courses carried on at such time and in such manner as not to interfere with the daily work of teaching.

7. Of each 90 college hours at least two-thirds shall be of a professional nature. A college hour is defined as a class period accompanied by a collateral preparation, reading, and research.

8. Only one increment of \$75 shall be made in any one year.

9. Only work to an extent of 60 college hours may be undertaken during the school year.

10. Increments of pay earned by professional study as hereinbefore defined shall be voted by the School Committee in May and September and paid on the teachers' pay roll of the following month.

11. This plan of increments earned by professional study shall be put into operation February 1, 1924.

In the meeting of May 26 the School Committee voted:

To amend Section 2 of the Outline for Professional Improvement by the addition of the following words: "Or into units of \$50 for 60 college hours of such professional study on application of the teacher."

To consider in interpreting the plan of promotion credits the vacation period as a part of the preceding year; provided, however, that credits earned after the close of the school year shall be cumulative and may stand to the teacher's credit in the following year; provided, also, that in determining credits the term "year" shall be construed as the twelve months from September 1 to August 31 inclusive.

The Committee also recommends that the action herein reported be adopted as the policy of the School Committee upon these matters, effective the date of the adoption of the promotional system.

Before February 1, 1924, the Superintendent had prepared two forms to be used as records in the management of this business. The first is the Application Form to be made out in duplicate, one copy to be kept by the teacher and the other to remain as a permanent record in the office of the Superintendent of Schools. The second form is a card which is intended to record all the principal facts concerning all the courses taken by a teacher until the maximum credit of \$300 has been secured. By these forms a permanent history of each application is made, thereby furnishing a means of protecting the teacher's interest as well as providing an accurate statement of the School Committee's liability.

Teachers have taken advantage of this provision by applying for approval of courses of study to be pursued in vari-



ous educational institutions. Before the close of the last school year two courses of professional work for the benefit of teachers were conducted in Somerville under the direction of the Superintendent of Schools.

As a result of this professional study, the School Committee in the September meeting voted increments of \$75 to the salaries of 32 teachers and increments of \$50 to the salaries of 35 teachers.

Since the opening of schools in September four courses of professional study have been conducted in Somerville under the direction of the Superintendent of Schools. These courses are as follows:

Primary Work, by Mabel C. Bragg, Assistant Superintendent of Schools, Newton.

English, by Grace M. Miller, A. A., Private Instructor.

Arithmetic, by Olive A. Kee, teacher in the Boston Normal School.

Voice Placement and Reading, Harriet M. Bell, teacher in the Somerville High School.

In addition to these professional undertakings teachers are pursuing study in various professional schools and in other approved ways. At the close of 1924 over 800 courses have been approved, some of which have been completed, while the rest are under way. 316 different teachers out of a total of 445 have taken one or more courses. 513 applications have been approved for teachers who are now carrying on the courses of study therein defined.

The number of teachers making application for recognition of improvement study in each of several professional institutions is shown below:

The Somerville School Committee . . . . .	267
Boston University . . . . .	252
Harvard Graduate School of Education . . . . .	52
University Extension . . . . .	133
Boston College . . . . .	8
Fitchburg Normal School . . . . .	5
Columbia University . . . . .	5
University of Chicago . . . . .	4
University of Maine . . . . .	3
Massachusetts Normal Art School . . . . .	5
All other . . . . .	77

The professional improvement of teachers in service is generally recognized as one of the most important phases of the present-day conduct of schools. The scientific study of education during the last few years by psychologists, medical men, college professors of education, social philosophers, and men and women engaged actively in the work of teaching, has produced a body of professional knowledge in theory and prac-

tice relating to teaching and the administration of education which has raised this undertaking from the level of a business to that of a profession. Empirical teaching must now give way to scientific teaching. Initial professional training must be followed by continued professional study. And as the doctor or the lawyer gains economically by the post-graduate studies essential to the maintenance of his professional standing and the increase of his professional skill, so should the teacher have the encouragement and reward for such professional efforts by additional salary allowances especially provided therefor.

### COST

The maintenance of the public schools is one of the most important enterprises in which any community engages.

By reason of its size and the character of the provisions which must be made for its successful carrying on, this undertaking is one of the most costly of all the public works. It is necessary, therefore, that the management of the public schools should at all times have in mind an obligation to make a wise and prudent use of public money in administering the trusts confided to it.

In this spirit the School Committee has at all times conducted its business. It has striven to make good schools for the children of the city, and to do this with such an economical use of the money as is dictated by the resources of our city. An examination of the facts of the case will show how well the School Committee has succeeded in this effort.

The unit of cost is the individual child. The pupils withdrawing either by graduation or by leaving school at the end of the period when attendance is compulsory are more than offset by those taken in as beginners and as new-comers. There is, therefore, in our city a growth in the total number of children to be educated in the public schools. Correspondingly there is a growth in the expense of education as a consequence of the increase in membership. Other factors, however, enter into the matter to swell the cost of education. Increased activities, increase in the pay of individual workers, and increases in the market price of supplies from time to time, all combine continually to raise the total of expenditures for the maintenance of the schools. Such increase in the cost of education is inevitable if the schools are to undertake the program of modern education which the present state of society demands.

During the present fiscal year the total cost for the maintenance of the schools was more than during the pre-



ceding year. In the part of the educational enterprise controlled by the School Committee, namely—Teachers' Salaries and School Supplies, the increase in cost has been \$22,753.20.

All things considered, this is relatively an insignificant increase.

The total cost of education for the children of Somerville in the last analysis must be the product of the amount spent for a single pupil multiplied by the total number of **children educated**. While Somerville is the tenth city in population it is the eighth city in the number of children in the public schools. Therefore, one would expect Somerville to be the eighth city in the gross amount of money expended for the education of its children. As a matter of fact, it is the ninth according to the report of the Department of Education for the school year ending June 30, 1924. But another way of measuring the cost of our schools is to compare the amount expended on an individual pupil with the amount expended thereon by other communities. According to the report above quoted the per capita cost of the schools in our city for the last school year was \$65.72. Of the 39 cities of Massachusetts 32 had a higher per capita cost, the highest being \$116.34. Only six had a lower per capita expenditure than Somerville, the lowest being \$62.37. From this statement it is to be seen that Somerville spent on each child in the average membership only \$3.35 more than the lowest city, while it has spent \$50.62 less than the highest.

The details of receipts and expenditures are fully set forth in statistical tables which accompany this report.

#### CONCLUSION

Unusual improvements to the cause of education in Somerville have been made during the present year. These have been in part improvements in accommodations and in part improvements in the organization of the school undertakings. The teaching force has worked with enthusiasm and efficiency. The schools are in better condition now because of the accomplishments which have taken place during the year.

Respectfully submitted,

CHARLES S. CLARK,

December 29, 1924.

*Superintendent of Schools.*

## REPORT OF THE HEAD MASTER OF THE HIGH SCHOOL

January 1, 1925

Mr. Charles S. Clark  
Superintendent of Schools  
Somerville, Mass.

Dear Sir:

You have asked me to state the present condition of our high school building and to explain what is needed to put it on a parity with modern high schools built to meet the requirements of the latest and best in secondary education. A high school building to be all-round efficient should fulfil five purposes:—first, to house the pupils and their property in a comfortable and safe manner; second, to give facilities for efficient instruction in all subjects taught; third, to furnish means for a systematic health education; fourth, to provide rooms for the extra curriculum activities of the pupils; and fifth, to supply proper facilities for the accommodation and comfort of the teachers. I shall take each in some detail, using as a numerical basis an enrollment of 2500 pupils. (We have at present 2200 and have been steadily growing.)

*First*, to house the pupils and to take care of their property while in attendance. Each pupil is entitled to a desk in a room called a home room. In this desk he may keep his books and other materials for his work. Each pupil is entitled to a space properly protected, in which he may place his coat, hat, and other articles used while coming to and returning from school. This space in all modern buildings takes the form of an individual locker or of a portion of a locked room. Pupils have a right to sufficient and properly equipped toilets. These toilets should be placed on each floor, **should be light, well-ventilated and neat.** At the present time our school has home room seatings for less than 1600 pupils, has no protected means for caring for wearing apparel, and has inadequate and poorly ventilated toilets.

*Second*, to meet the needs for academic instruction. If some of the home rooms are large enough to be used effectively as study rooms, smaller rooms equipped with arm-chairs should be supplied for teaching small groups of pupils. Five, at least, of such rooms are needed. To take care, properly,

of the number studying the sciences, the following laboratories are needed,—three chemical, two physical, a biological, a botanical with an adjacent greenhouse, a geological, and an astronomical laboratory. If lecture facilities cannot be provided in these laboratories, four separate lecture rooms are necessary. We now have two chemical, one physical and one biological laboratory with two lecture rooms. In addition to the one manual training room—lathe room—which we **now** have, there should be rooms for advanced carpentry, metal working, and forging.

In the household arts department, there is need of special rooms for various phases of the work such as millinery, nursing, fitting, etc., with a well-equipped suite of rooms for the proper teaching of home making.

The libraries of the school are small and inadequate. Two large well-lighted libraries are essential.

Our present assembly hall is large and attractive. A smaller hall to accommodate about 500 is much needed for the assembling of smaller groups.

*Third*, to furnish facilities for systematic health education. This phase of our work is of two types,—to care for and to improve the condition of those not well and to improve the physical condition of all. Well-equipped small hospital rooms with trained nurses are now found in most large and many small schools. These rooms are needed for emergencies and slight illnesses and would save many unnecessary absences from school. We have now one matron and an entirely inadequate room. The need for a gymnasium is patent. We have no means for proper physical training in the school. This gymnasium should be large enough to be converted into two, with running track and adjacent to it locker rooms and shower baths.

*Fourth*, to give rooms for the worth while extra curriculum activities of the school such as music, journalism, debating, dramatics, specialized clubs, etc. All of these require rooms of special character,—rehearsal rooms, instrument store rooms, school paper office. At the present time most of these activities are conducted in places ill-fitted for the purpose.

*Fifth*, to accommodate the simplest needs of the teachers. Teachers are entitled to dressing rooms easily reached, with sufficient toilets, and in case of need, with rest rooms furnished with ordinary comforts. Rooms for teachers are at present lamentably insufficient and inadequately equipped.

I have not attempted to enumerate in minute detail every need of our school, but rather to touch on the essentials.

We are conducting a large school under great disadvantages,—a handicap which will hamper the school more and more in the future unless some speedy means can be devised to ameliorate the present unsatisfactory situation.

Very truly yours,

JOHN A. AVERY,

*Head Master.*



REPORT OF THE DIRECTOR OF THE CONTINUATION  
SCHOOLS AND AMERICANIZATION WORK

January 1, 1925

Mr. Charles S. Clark  
Superintendent of Schools  
Somerville, Massachusetts

Dear Mr. Clark:

I herewith submit a report of the Continuation Schools and Americanization classes for the year 1924.

CONTINUATION SCHOOLS

When these schools were established in September 1920 it was deemed advisable, on account of the uncertainty of the problem, to house them in the High School building where overhead expense would be held at a minimum and equipment and tools could be made available by joint usage with the High School classes. As I stated in my last report, the Continuation School, having passed through its period of experimentation, has earned its place as a bridge between the conventional schools and employment. It has brought with it a certain methodology which will of necessity always have a place in the school system even should the Continuation School eventually be legislated out of existence.

Believing that this type of school is worth while, purposeful, and a necessary part of the school system it was stated in your last report that as soon as circumstances permit, this school should be withdrawn from its present unsuitable location in the High School Building and placed in rooms where its work can be done under conditions as favorable as those provided for other day schools.

In September at the beginning of the fifth year of its existence, the school was moved to the Folsom Building, where accommodations were made available by the opening (sometime previously) of the Leonard B. Chandler Building. The shops were refinished, making bright, sunny, comfortable rooms in which to carry on the woodworking and sheet metal work. The rooms for cooking, dressmaking, millinery and home nursing as well as the academic and related work rooms are in good repair and with the shops furnish accommoda-



tions which compare favorably with like schools throughout the State.

The Continuation School now is a unit by itself and already the pupils have shown a marked increase in interest in the school and its work, attendance has been improved, and our instructors find it much easier to make suitable contacts with the home. It is now possible to have daily assembly periods and further some social phases of the work which afford opportunity for pupil participation.

I hope that in the near future it will be possible to obtain some woodworking machinery, that we may continue our shopwork on the factory plan.

The Somerville Chapter, American Red Cross is preparing to furnish a fine equipment for the Home Nursing course which is taken by every girl in the school.

Our productivity returns to the State Dept. of Education will no doubt be decreased this year due to the fact that so much time has been spent by both boys and girls in fitting up their work rooms.

A change in the teaching force was made necessary by the transfer of Miss Estelle Crowe to the High School. Miss Marion H. Hathaway is doing a fine piece of work and her very successful contacts with the homes show the possibilities of the follow up system.

In connection with the work of a group of Superintendents who are making a comprehensive study of School and Age Requirements, it has been a pleasure during the past year for our corps to make a survey of the Somerville Continuation School. It will be of interest to note the following items gathered from our survey.

Our boys this year are employed in twenty-eight different occupations, each one being given by from one to eight boys. The girls represent twenty-five occupations including housework, which is carried on by eleven girls.

Vocational preferences expressed by this group show that practically all the boys tend toward the mechanical trades, while the girls prefer commercial work.

The reasons for leaving school were obtained by a study of answers to a carefully supervised questionnaire.

	Girls	Boys	Both
A. Economic Conditions**	*64.0%	35.8%	47.5%
B. Conditions in the Schools	10.3%	37.5%	26.3%
C. Personal feelings of child or attitude of parent	15.4%	17.9%	16.8%
D. Vocational opportunity offered	10.3%	8.8%	9.4%

\* 30% of the girls hold Home Permits which are usually issued only in case of economic need.

\*\* Economic necessity is defined as actual need at the home for

the added income which the minor can make to secure a reasonable standard of living.

These general reasons for leaving school are sub-divided as follows:

	Girls	Boys	Both
A-1. Illness at home . . . . .	10.2%	0.0	4.2%
2. Death of Parent . . . . .	12.8%	10.8%	11.6%
3. Parent unable to secure work . . . . .	0.0	1.8%	1.1%
4. Needed to work at home . . . . .	25.6%	1.8%	11.6%
5. Family troubles . . . . .	2.6%	7.1%	5.3%
6. Small family income not caused by above reasons . . . . .	12.8%	14.3%	13.7%
Totals . . . . .	64.0%	35.8%	47.5%
Conditions in the schools	Girls	Boys	Both
B-1. Slow progress in school . . . . .	2.6%	7.1%	5.3%
2. Discipline in school . . . . .	0.0	3.5%	2.0%
3. Dismissed or discharged from Disciplinary School . . . . .	0.0	1.8%	1.1%
4. "Too big" to go to school . . . . .	0.0	1.8%	1.1%
5. Dislike of school not caused by above reasons . . . . .	5.1%	19.7%	13.7%
6. Left school on teacher's advice . . . . .	2.6%	1.8%	2.0%
7. Advice of friends . . . . .	0.0	0.0	0.0
8. Absence from school . . . . .	0.0	1.8%	1.1%
Totals . . . . .	10.3%	37.5%	26.3%
Personal feelings of child or attitude of parents	Girls	Boys	Both
C-1. Personal illness . . . . .	0.0	1.8%	1.1%
2. Have sufficient education, completed course in Trade School or Business College . . . . .	0.0	3.5%	2.1%
3. Desire for spending money . . . . .	0.0	0.0	0.0
4. Did not wish to enter new school . . . . .	2.6%	5.4%	4.2%
5. Required to leave by parents . . . . .	5.1%	0.0	2.1%
6. Change of residence . . . . .	0.0	5.4%	3.1%
7. Influenced by friend's Employment . . . . .	0.0	1.8%	1.1%
8. Miscellaneous . . . . .	7.7%	0.0	3.1%
Totals . . . . .	15.4%	17.9%	16.8%
Vocational opportunity offered	Girls	Boys	Both
D-1. Work out of school hours led to good position on full time . . . . .	2.6%	3.5%	3.1%
2. Work during vacation led, etc. . . . .	0.0	1.8	1.0%
3. Received offer of good position . . . . .	7.7%	3.5%	5.3%
Totals . . . . .	10.3%	8.8%	9.4%

The Educational accomplishment of the 14-16 year old employed minors as shown by the certificates issued over a period of the last three years is as follows:

.67% completed less than 4 grades					
1.36	left after completing	Grade	4		
5.00	"	"	"	5	Elementary School
30.00	"	"	"	6	
24.00	"	"	"	7	
21.80	"	"	"	8	Junior High School
13.00	"	"	"	9	
3.40	"	"	"	10	
.67	"	"	"	11	Senior High School
.10	"	"	"	12	

In order to gain evidence as to the extent Continuation Schools have contributed to supply education which brought certain types of results, a canvass has been made of our first class, those who attended our school during 1920-1921.

From 72 replies the following is revealed:

32% had been able to secure a higher grade of employment and consequently higher wages through their Continuation School work.

25% had secured higher earning capacity without a change to higher grade employment.

26.4% admitted changed interests in life and

16.6% had been influenced to make better use of their leisure time.

The shifting in industry so noticeable before the age of 16 seems to become more stable after 16, as evidenced by the following:

19.2%	have worked on the same job since becoming	16.
49.0%	have made one change	" " 16.
23.4%	have made two changes	" " 16.
4.3%	have made three changes	" " 16.
Only 1	has made four changes	" " 16.
Only 1	has made five changes	" " 16.

All of the 1920-21 group reached were heartily in favor of the Continuation school and its work, and hoped that the required four hours a week attendance can soon be increased.

#### AMERICANIZATION CLASSES

Heretofore the work in Americanization has been merely scratching the surface of the problem because we believed, and rightly, that the first step in the process of Americanizing must be in the direction of providing a common tongue. Our classes are designed eventually to solve the great problem of moulding the foreign born element into capable citizens of our great Republic.

Learning the language of our country and becoming naturalized does not necessarily make true Americans. As we know, many a fine American citizen whose heart beats true to the ideals of America, speaks broken English, while many an enemy of all that America stands for speaks our language fluently.



Our task then is much broader than mere education and naturalization, important as they are. Our duty will not be done until we have Americanized their play, their work and their surroundings.

Franklin K. Lane has said

"We want to interpret America in terms of fair play; in terms of the square deal. We want in the end to interpret America in healthier babies that have enough milk to drink. We want to interpret America in boys and girls and men and women that can read and write. We want to interpret America in better housing conditions and decent wages, in hours that will allow a father to know his own family. That is Americanization in the concrete—reduced to practical terms. That is the spirit of the Declaration of Independence put into terms that are social and economic."

Due to the Immigration Laws which have recently become operative, the number of foreign born people coming to Somerville is decreasing proportionately to the decrease in the quotas from the respective foreign countries.

Consequently the number of so-called Beginners in our schools is becoming so small that at the present time there is not a single class of real Beginners. It is necessary to place these people in what we term mixed classes. This situation, however, allows us to take another step nearer our ultimate goal. Our teachers, realizing this, are advancing on the broader task of Americanizing the play, work, and surroundings of the new Americans.

Table 15C of the School Report gives statistics for the school season 1923-24.

In conclusion, I wish to express appreciation of the loyalty and co-operation of all my assistants.

Respectfully submitted,

EVERETT W. IRELAND,

*Director.*

## REPORT OF THE ATTENDANCE OFFICER

December 31, 1924

Mr. Charles S. Clark  
Superintendent of Schools  
Somerville, Mass.

Dear Sir:

Various statistical tables have served for many years to show what work has been done by the School Attendance Officer but figures cannot show the actual work accomplished. The public, in general, does not know what an officer is required to do.

All children between the ages of seven and fourteen are compelled to attend school unless advantage is taken of the exceptions that are enumerated in the law. A child between the ages of fourteen and sixteen must be in school or at work. Illiterate minors between the ages of sixteen and twenty-one come under the Attendance Officer's jurisdiction and are followed up when specific cases come to his attention. Those most troublesome, in the main, are the truants and the absentees, and occasionally the school offenders. In addition, the Attendance Officer has the power to search for neglected children and see that they have proper care through the court. Finally he has the care of children engaged in the street trades, and may visit factories and stores in search of minors illegally employed.

The Attendance Department is obliged to keep a file relating to the registration of minors, or as it is called in some states, "The Child Accounting Bureau."

**Registration of Minors****"Child Accounting"**

This file would be of great value if the machinery worked smoothly. It requires a card for each child between the ages of five and sixteen and illiterates to the age of twenty-one. From the information sent in by the schools, we are enabled to have a cross file by streets as well. The person having charge of this work is hampered because census and transfer cards are not sent in promptly, thus causing a great deal of extra labor in locating children or forwarding cards of those who have left our City. As no penalty is provided for not



sending in cards from private schools, we have no pressure but moral suasion that we can use in this case. The church schools are very willing to co-operate but the small specializing schools never seem to have heard of this law.

#### Truants and Absentees

The truant is dealt with by calling at the home, thus notifying the parent that the child is not at school, and also by talking with the child when possible.

The absentee presents a different problem. As a rule he is the child who, if he has left school for work, is either not stable, mentally retarded, the round peg in a square hole, or merely indifferent. The child of this sort, if still in the regular school, could be followed up much more closely if we had a suitable form for the teacher's use before the Attendance Officer was called into the case. The teacher might well visit the home, but in cases where she could not find time to do so the form might be mailed either to the home or to the father's business address.

In some cities teachers who are known as teacher visitors are employed to visit the homes. In my opinion, a visit by the teacher would bring about this result.

In one school in this City there is this motto: "The Home With The School, The School With The Home. Team Work Will Win." What better way could be found than a visit by the teacher to bring about this team work.

As a last resort, after an appeal has been made to the home, the boy, and any social agency that may have an interest in the case, court action is taken. If, after a period of probation, conditions do not improve, the child is taken to the County Training School where he has an entirely different environment, good food and regular hours of sleep. In many cases, as parents and the boys themselves have told me, the training the children receive here has been the making of them.

Having summarized the duties of an Attendance Officer, I now take this opportunity to thank Mr. Clark and others who have assisted me during this past school year.

Respectfully submitted,

BENJAMIN R. JONES,

*Attendance Officer.*

HISTORY OF THE SOMERVILLE HIGH SCHOOL FROM 1852  
TO 1924—By John A. Avery, Present Head Master

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In attempting to write even a brief history of our school I am impressed with the magnitude of the task. Seventy-two years ago its doors were first opened and sixty-three pupils were admitted; today over two thousand are making a like demand for more and higher learning; in the years between, thousands and tens of thousands have crossed its portals. Each individual passing under its influence has carried out something for good to the community. Who can estimate the sum total of knowledge, of better living, of higher ideals, of awakened ambitions which it has developed among the endless procession of its members and graduates?

May 3, 1852, the first session was held in the Somerville Free High School (now the City Hall) with two teachers. Reading, writing, arithmetic, grammar, and geography were continued from the grammar school; history, mathematics, natural philosophy, drawing, Latin and French were added as strictly high school subjects. Compare such a curriculum with that of today with its fifty subjects of advanced grade, and one can realize the wonderful development of secondary education, at least from a standpoint of the richness of the course.

The first principal was Robert Bickford. He served for two years and was followed in rapid succession by three men, Leonard Walker '54-56, Samuel J. Pike '56-58, and Isaac N. Beals '58-59. In 1859 Henry H. Babcock was elected, who served till 1867. In 1867 began the long term of George L. Baxter, who, as principal of the Somerville High School to 1895 and of the Somerville Latin School from 1895 to 1911, rounded out a term of service, which for length, for wonderful achievement, and for vital imprint on the community, has few, if any, equals among educators of the country. In 1872 the school, having out-grown its first building, moved into the second, known later as the Latin School (now the front section of the East building.) There were now six teachers and 181 pupils. To the course of study had been added physics, chemistry, geology, astronomy, botany, physiology, civil government, and bookkeeping.

The Somerville High School in these days had for its primary aim preparation for college. Comparatively few of

the grammar school graduates entered high school unless they intended to study even further. This condition continued in a large way till 1895, although the English and Regular courses became more and more popular. In 1879 for instance, 119 pupils were in the Regular Course, 64 in the Classical Course, and 49 in the English Course. It must be noted, however, that there was very little difference between the Regular and the Classical Courses,—the chief being the substitution of a science for Greek.

About 1888, the High School numbering 350 had already over-reached the capacity of the building and the School Committee began to discuss the need of another school. English High Schools were coming to the front in various parts of the country and a school of this type was recommended. This recommendation was made year after year and finally culminated in 1895 in the dedication of the Somerville English High School (now the West building, front section.) The year before, 691 were enrolled in the High School. In 1895, 267 were enrolled in the Latin High School, 508 in the English High School.

No greater proof could be produced of the increasing popularity of High School education than is evidenced by the increasing enrollment. For instance, in 1867 5.5 out of every 100 in the Somerville public schools attended the High School; in 1895 10.17; in 1914 (at the beginning of the war) 18.18.

Before referring to the English High School I want to pay my tribute to Mr. Baxter who for 44 years served the city so faithfully. A gentleman in the true sense of the word, a scholar, a conscientious servant to his calling, he worked assiduously to train pupils for college or for whatever walk in life they might be called to follow. Loved by his pupils, revered by his teachers, and respected by the community, he has established an enviable record of leadership and faithful service.

In 1895 Mr. Baxter continued in the old school the college preparatory course under the name of the Somerville Latin School. Mr. Charles T. C. Whitcomb was elected headmaster of the new English High School. The course of study for this school was based upon two important principles:—"the necessity of a broad training for all pupils, and the recognition of individual claims for development in the direction of aptitudes and desires." The elective system was instituted and about half of each year's work was left to the choice of the pupils. Manual training, mechanical drawing, zoology, botany, commercial arithmetic, stenography, type-writing, commercial law, and solid geometry were added to



the list of subjects offered. The preparation of boys for the Massachusetts Institute of Technology and of girls for the Normal Schools was transferred to this school.

Mr. Whitcomb, a man of culture, of unusual executive ability, and of excellent training, soon placed the new school on a high plane among schools of its type. The school grew in popularity and in members and in a few years was seriously crowded. An addition to the Latin School in 1906, part of which was used by the English High School, partially relieved the congestion in both schools. Mr. Whitcomb resigned in 1906, and I was promoted from sub-master to take his place. In 1911 Mr. Baxter resigned and the two schools were united under my charge under the old name of the Somerville High School.

This reorganization was along the lines of the development of secondary education throughout the country and indeed the various stages through which our school has passed, i.e. the general high school with cultural subjects emphasized (1852-1895), specialized high schools (1895-1911) and now the comprehensive high school with specialized courses (1911-24) were all in accord with the best educational thinking of the times.

By this union of two schools it was felt that duplication and overlapping in preparatory work could be avoided, that small classes of like character in two schools could be combined, that the ease of change from one course to another could be facilitated, and that much duplication of organization and administrative detail could be prevented.

The plan was successful. Teachers and pupils worked in harmony and the various departments of the school made satisfactory progress. The school the following year, 1912, registered 2,023 pupils, the building was very much overcrowded and could only accommodate (even then inadequately) its pupils by a two-session plan. Partial relief was secured in 1913 by the addition of 30 rooms to the West building. An auditorium seating 1400 was also added, meeting an outstanding need in the development of school unity and social activities.

The fourth and last stage in the history of the school was started in 1915 by the establishment throughout the city of Junior High Schools. By this plan the High School was changed to a three year school and its name changed to the Somerville Senior High School.

This plan worked well educationally and also served as a means of relief, at least temporarily, in caring for the number of pupils attending the Senior High School.

That the relief was only temporary, however, is shown by the fact that the membership for this year, 1924, is 2,100—several hundred beyond the normal capacity of the buildings. It is clear that some plan for a larger High School building must shortly be adopted if the school is to continue to function efficiently and to meet the needs of our growing city.

In summing up this brief history of our honored school I want to mention several outstanding points of interest.

(1) Its influence in the community through its membership and graduates.

In seventy-two years, 21,876 pupils have attended the school and 8,189 have graduated. Of these many have occupied prominent positions in the affairs of the nation, state, and city. A position in the President's cabinet, the lieutenant governorship of Massachusetts, national, state, and city legislative positions have all been filled by graduates of our school, as well as many prominent business and professional positions. Wherever one may turn may be found traces of the influence, the teachings, and the character building of our great institution.

(2) Its wonderful record in preparation for college.

Practically every higher school of learning in New England and many others throughout the country (and even abroad) have received our graduates. Preparation for college in the old days was conspicuously successful and honors came frequently to our boys and girls. These successes, however, did not cease with "the good old days" for even as late as 1922 our school received the Dartmouth College plaque for sending there a group of boys receiving the highest scholastic grade, and at Radcliffe College in the last five years three of our girls had the honor of outranking all other applicants for admission. Members of last year's class may be found enrolled in 24 colleges and other higher institutions of learning.

(3) Its excellent record in preparation for business and other lines of endeavor.

Business in all its various branches has had an open door for our commercial and general course pupils. Many of these boys and girls hold or have held prominent positions and have brought great credit to the school. Our graduates are in constant demand and practically none who pass through these courses fail to secure excellent positions.

(4) Its unusual corps of teachers, many of long service in the city.

To give a history of the 281 teachers who through their self-sacrifice, learning, and love for their work have left an



undying imprint on the lives of their pupils would be an almost impossible task. I must mention a few, however, who have been conspicuous because of their long service. George L. Baxter for 44 years, Frank M. Hawes, Eudora Morey and Frances W. Kaan for 39 years each, Lena Gilbert for 29 years, A. Marion Merrill for 28 years, Charles T. Murray for 27 years, and Sarah W. Fox and Clara A. Johnson for 26 years each, gave of their strength and power to the training of our youth. To them all honor is due. In addition to these, twelve others now in the school have given to the school over twenty years of service. The traditions and good name of the school owe much to the devotion and worthy labor of these faithful teachers.

(5) Its continued progress in spite of hardships and overcrowding.

In all these years, the demand for higher education has been in excess of the ability of the city to furnish accommodation. Crowded quarters and inadequate facilities with all the consequent discomforts and hardships have presented serious obstacles. In spite of these obstacles the school has gone on reaching forward for higher ideals and loftier standards of attainment.

In all these years of struggle, of hard work, of successes and failure, those of us who either as pupils or teachers have been permitted to work together within its walls should be justly proud of its achievements. May it continue to serve the community, to bring joy, serious purpose and inspiration to the lives of our youth, and to stand forth as a living monument to its motto "Honor and Progress."

## SOMERVILLE HIGH SCHOOL

## Students Entering Higher Institutions in September 1924

Acadia University .....	2	Mt. St. Mary's College .....	1
Antioch College .....	1	Mass. Normal Art School.....	4
Boston College .....	3	Northeastern University .....	5
Boston University, C. B. A.....	10	College of Pharmacy .....	1
Boston University, C. L. A.....	9	Radcliffe College .....	7
Boston University, P. A. L.....	8	Rollins College .....	1
Bridgewater Normal .....	1	Salem Normal .....	12
Brown University .....	2	Sargent School Phy. Educa-	
University of Chicago .....	1	tion .....	2
Framingham Normal .....	3	Simmons College .....	4
Georgetown University .....	1	Tufts College .....	10
Harvard University .....	10	Tufts, Pre-Dental .....	3
Hyannis Normal .....	2	Tufts, Pre-Medical .....	3
Jackson College .....	8	Wesleyan University .....	1
Lowell Textile School .....	1	Wheaton College .....	2
Laselle Seminary .....	1	Wheelock Kgn. Training	
Mass. Institute Technology....	8	School .....	1
Mount Allison College .....	1	University of Maine .....	1
Mt. Holyoke College .....	2	University of New Hamp-	
		shire .....	2
		Total .....	134
		Entering College .....	100
		Entering Scientific schools....	9
		Entering Normal schools ....	25

## Statement Showing Distribution of High School Pupils

## By Subjects, December, 1924

English . . . . .	2097
History . . . . .	1475
Elocution . . . . .	1066
Greek . . . . .	23
Latin . . . . .	515
French . . . . .	924
German . . . . .	41
Spanish . . . . .	454
Chemistry . . . . .	480
Physics ... . . . .	311
Biology . . . . .	212
Astronomy and Geology . . . . .	60
Physiology . . . . .	28
Trigonometry . . . . .	46
Algebra . . . . .	341
Geometry . . . . .	444
Mathematics, Review . . . . .	439
Bookkeeping . . . . .	334
Penmanship . . . . .	832
Typewriting . . . . .	641
Stenography . . . . .	622

Salesmanship . . . . .	131
Commercial Arithmetic . . . . .	74
Commerce and Industry . . . . .	470
Commercial Law . . . . .	44
Woodworking . . . . .	139
Cooking . . . . .	175
Sewing . . . . .	201
Home Economics . . . . .	121
Freehand Drawing . . . . .	988
Mechanical Drawing . . . . .	329
Physical Training . . . . .	2097
Music . . . . .	2097
Problems of Citizenship . . . . .	32

## Membership of High School Activities

December, 1924

Girls' Debating Society . . . . .	25
Boys' Debating Society . . . . .	36
School Orchestra (2) . . . . .	80
School Band and Drum Corps . . . . .	102
Girls' Glee Club (2) . . . . .	155
Boys' Glee Club . . . . .	52
Mandolin Club . . . . .	22
Girls' Athletic Association . . . . .	50
High School Athletic Association . . . . .	330
Players' Club . . . . .	60
Chess Club . . . . .	15
Students' Council . . . . .	18
Spanish Club . . . . .	25
English Club . . . . .	60

## SOMERVILLE TEACHERS' ASSOCIATION

1924-1925

President, Edith L. Laycock

Vice-Presidents, { William W. Obear  
Grace E. Allen

Secretary-Treasurer, Sadie M. Lyle

*Executive Committee*

Charles S. Clark, Ex-Officio

Inez Atwater, High	Sarah E. Murphy, Perry
Eleanor Campbell, Southern Jr.	Stella M. Hadley, Cummings
Mary C. Fox, Northeastern Jr.	M. Abbie Tarbett, Pope
Eleanor V. Nemser, Western Jr.	Louise S. Weare, Prescott
Harry L. Jones, Boys' Vocational	Harriet F. Ward, Glines
Kells S. Boland, Continuation	Lillian G. Wells, Forster

Edith C. Polechio, Prescott  
 Martha L. Littlefield, Hanscom  
 Sarah L. Wolfe, Bennett  
 Maria D. McLeod, Baxter  
 Helen F. Gallagher, Knapp  
 Nettie L. Fay, Proctor  
 Mary T. Ford, Brown  
 Carrie E. Crockett, Highland

M. Gertrude McCarthy, Bingham  
 Frances E. Welch, Carr  
 Sarah K. Lake, Morse  
 Mary Winslow, Durell  
 Ardelle Abbott, Burns  
 May E. Small, Lowe  
 Eugenia Carver, Cutler  
 Lillian M. Wentworth, Lincoln

The meetings held under the auspices of this association in the year 1924 were as follows:

February 6, 1924—Roy W. Hatch, "Abraham Lincoln and Training in Citizenship."

May 28, 1924—Clayton L. Lent, Secretary of the Massachusetts Teachers' Retirement Board, "The Proposed Amendment to the Teachers' Retirement System."

November 13, 1924—Donald MacMillan, explorer, "The Arctic Regions."

#### SOMERVILLE TEACHERS' CLUB

##### Officers 1924-1925

President, Miss Annie C. Woodward  
 ( Miss Dorothy E. Harvey  
 Vice-Presidents, ) Mrs. Nettie L. Fay  
 Recording Secretary, Mrs. Myrtle I. Martin  
 Corresponding Secretary, Miss Emma J. Kennedy  
 Treasurer, Miss E. Bella Weisman  
 Auditor, Miss Elizabeth Campbell

##### Object

The object shall be to secure a close union among the women teachers in Somerville; to promote the spirit of mutual helpfulness; to advance professional interests; to create a deeper sense of the dignity of the profession; to unite the interests of the home and school.

##### Program

January 9—Schubert Singing Club, Sixty Voices.  
 January 14—"The Status of Women," Mrs. Jennie Loitman Barron.  
 February 11—Lecture, Mr. Angelo Patri.  
 February 13—"The World of Today," Mrs. Jennie Loitman Barron.  
 March 10—"Woman as a Civic Force," Mrs. Jennie Loitman Barron.  
 March 11—"Salvaging the Youth of the Nation," Miss Olive Jones,  
 Pres. N. E. A.

March 12—Dramatic Reading. "Mister Antonio." Mr. Leo Leonard.  
 May 13—Annual Meeting, Musical Recital and Readings. Myrtle Jordan, Flutist; Elizabeth Whiting, Reader; Hazel Clark Leonard, Violinist.  
 October 8—Reception. Social Evening. Entertainment. Travel Experiences. Mrs. Laura Littlefield, Soprano.  
 November 6—Current Events. Mrs. Grace Morrison Poole.  
 November 12—Entertainment, "The Bonnie Briar Bush." The Scottish Musical Comedy Company.  
 December 17—Yuletide Party. Refreshments and Social Hour.

## SOMERVILLE HIGH SCHOOL ATHLETIC ASSOCIATION

## Annual Report of the Treasurer January 1, 1925

## Receipts

Balance on hand January 1, 1924 . . . . .		\$2,176 87
Baseball games . . . . .	\$2,440 81	
Football games . . . . .	4,396 08	
Minor sports . . . . .	247 01	
Membership Fees . . . . .	82 50	
Interest . . . . .	46 36	
Miscellaneous . . . . .	33 10	
	<hr/>	7,245 86
		<hr/>
		9,422 72

## Expenditures

Athletic supplies . . . . .	2,405 85	
Medical supplies . . . . .	85 94	
Paid to visiting teams . . . . .	1,541 18	
Officials . . . . .	398 00	
Police . . . . .	498 00	
Assistance at games . . . . .	144 00	
Postage . . . . .	12 30	
Printing . . . . .	131 73	
Telephone . . . . .	44 97	
Transportation . . . . .	395 00	
Coaching . . . . .	1,275 00	
Physician's salary . . . . .	200 00	
Treasurer's salary . . . . .	400 00	
Dues to athletic association . . . . .	22 00	
Special expenses . . . . .	602 22	
Miscellaneous expenses . . . . .	150 96	
	<hr/>	8,307 15
		<hr/>
Balance on hand January 1, 1925 . . . . .		\$1,115 58

GEORGE E. PEARSON.

*Treasurer.*



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**In Memoriam**

KATIE L. HARMON

Cutler School

Died December 7, 1924

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# STATEMENT OF WORK OF SCHOOL DENTAL DISPENSARY.

For the School Year Ending June, 1924

MONTH.	No. Children Treated.	No. First Appointments.	No. Reappointments.	Teeth Extracted.	No. of Teeth Filled.	No. Cleansings.	No. Having Brush.	No. not Having Brush.	Amount Collected.	Incidental Expenses.	Novocain.	Treatments.	Examinations.
September .....	82	69	13	18	26	14	78	4	\$5.25	\$3.11	0	41	5
October .....	164	132	32	68	46	4	148	16	4.45	6.96	1	94	7
November .....	150	102	48	49	42	7	139	11	12.02	7.47	2	87	6
December .....	108	64	44	38	20	4	96	12	6.73	6.33	3	57	7
January .....	165	108	57	46	37	7	156	9	14.75	10.41	2	118	5
February .....	131	85	46	49	20	5	122	9	11.55	3.60	1	88	4
March .....	161	102	59	44	38	12	148	13	13.64	6.26	3	106	3
April .....	163	104	59	44	38	14	158	5	14.37	4.30	6	92	8
May .....	152	93	59	32	36	6	146	6	12.93	10.66	8	108	5
June .....	150	84	66	26	38	13	145	5	12.45	6.59	7	89	9
Total .....	1426	943	483	414	341	86	1336	90	\$108.14	\$65.79	33	880	59

## COMPARATIVE FINANCIAL STATEMENT.

	1921-1922	1922-1923	1923-1924
Receipts:—			
Cash on hand September 1.....	\$ .39	\$ 1.86	\$17.55
From fees.....	111.41	107.31	172.06
From sale of tooth brushes .....	192.01	310.79	281.31
	—	—	—
Expenditures:—	\$303.81	\$419.96	\$470.92
For supplies.....			
For tooth brushes.....	\$301.95	\$121.56	\$135.54
Cash on hand June 27.....	1.86	280.85	276.87
	—	17.55	58.51
	\$303.81	\$419.96	\$470.92

**STATEMENT OF WORK OF SCHOOL NURSES**  
For Year Ending June 30, 1924

DATE	School	Hospital	Total No. of Pupils seen	Notice sent to Guardian	Consultation with Teachers	Consultation with Med. Inspector	Treatment in School	INSPECTIONS				PUPILS ESCORTED TO CLINICS						Corrected Hearing	Tonsils Operations	Conta- gion found in		Home Visits		Hy- giene Talks				
								Dental		Pedi- culosis		Un- clean		Eye	Nose and Throat	Skin	Dental			Optician	Corrected Vision	Adenoids	School	Home	School	Home		
								New	Old	New	Old	New	Old															
September.....	100	4	1804	81	234	10	168	883	85	29	31	36	11	7	3	1	1	.....	3	.....	2	.....	52	476	7			
October .....	90	2	5106	69	159	15	97	1386	52	51	145	43	42	.....	.....	.....	.....	.....	.....	1	.....	74	278	14				
November.....	115	6	2970	38	252	9	115	1474	72	36	218	51	118	23	.....	1	4	.....	42	6	1	2	.....	1	.....	109	1277	5
December .....	81	10	1413	36	178	17	54	546	47	11	125	14	48	9	.....	.....	2	.....	33	4	.....	.....	3	1	49	666	9	
January .....	85	9	1585	29	173	1	60	698	20	18	132	54	91	9	2	.....	.....	48	2	.....	4	.....	76	498	5			
February .....	89	10	1916	44	199	5	73	723	43	19	96	27	67	6	.....	.....	.....	93	1	.....	1	.....	55	551	20			
March .....	89	14	2042	44	253	3	98	827	106	19	101	86	81	14	.....	.....	.....	128	9	1	.....	2	.....	59	821	14		
April .....	97	11	2280	35	227	4	98	767	149	15	133	14	113	10	1	2	.....	82	.....	1	1	2	3	.....	39	634	103	
May .....	104	6	2274	38	251	2	170	1	31	11	181	11	135	1	.....	.....	.....	65	1	2	.....	8	4	2	54	625	17	
June.....	96	0	1632	25	242	2	189	293	98	14	147	14	102	2	.....	.....	.....	.....	.....	.....	.....	.....	52	521	19			
Total.....	946	72	23022	439	2168	68	1122	7598	703	223	1309	350	808	81	6	3	7	1	491	26	5	3	10	21	3	619	6347	213

•Treated by family physician or dentist

New: Seen first time during the School year

Old: Cases followed up  
215 Class talks given

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## SUMMARY OF STATISTICS

## 1.—POPULATION AND SCHOOL CENSUS

Population, state census, 1895 .....	52,200
Population, United States census, 1900 .....	61,643
Population, state census, 1905 .....	69,272
Population, United States census, 1910 .....	77,236
Population, state census, 1915 .....	86,854
Population, United States census, 1920 .....	93,033
Children between five and fifteen years of age, April, 1924 by school census .....	17,189

## 2.—SCHOOL BUILDINGS

Number of school buildings in June .....	31
Number of classrooms in use in June .....	403
Valuation of school property .....	\$3,196,200

## 3.—TEACHERS

	*1923	*1924	Change
In high schools .....	72	73	+1
In junior high schools .....	117	116	—1
In elementary schools .....	212	210	—2
In kindergartens .....	14	14	0
Total in elementary schools .....	226	224	—2
Vocational school for boys .....	8	8	0
Independent Household Arts ....	1	1	0
Atypical classes .....	3	4	+1
Sight Saving .....	1	1	0
Cadet teachers .....	9	14	+5
Special .....	8	10	+2
Continuation .....	5	4	—1
Americanization .....	2	2	0
Total .....	452	457	+5

## 4.—ATTENDANCE FOR YEAR

	*1923	*1924	Change
Entire enrollment for the year....	15,932	16,092	+160
Average number belonging.....	14,308	14,554	+246
Average number attending.....	13,276	13,647	+371
Per cent. of daily attendance.....	92.8	93.8	+1.0
High school graduates .....	419	496	+77
Junior High school graduates.....	914	1,050	+136

## 5.—COST OF SCHOOL MAINTENANCE.

	*1923	*1924	Change
Salaries of teachers .....	\$738,746 49	\$755,016 61	+16,270 12
Salaries of officers .....	13,525 79	14,756 09	+1,230 30
Cost of books and supplies....	44,106 14	52,757 14	+8,651 00
Cost of light and power .....	9,883 02	9,802 96	—80 06
Cost of janitors' services, etc.	63,408 44	67,276 47	+3,868 03
Cost of fuel and insurance....	64,725 67	34,162 46	—30,563 21



Total cost of day and evening schools .....	934,395 55	933,771 73	—623 82
Per capita cost .....	65 31	64 16	—1 15
Cost of high school instruction .....	137,061 16	157,537 15	+20,465 99
Per capita cost .....	72 87	81 35	+8 48

## 6.—MISCELLANEOUS

	*1923	*1924	Change
Paid for new school buildings .....	588,301 51	289,938 66	—298,362 85
Repairs and permanent improvements .....	63,052 43	57,593 06	—5,459 37
Total school expenditures .....	1,585,749 49	1,281,303 45	—304,446 04
Number of dollars spent to maintain schools out of every \$1,000 of valuation .....	10 10	9 40	—0 70
Valuation of city .....	92,519,400 00	99,311,000 00	+6,791,600 00
Number of dollars spent for all school purposes out of every \$1,000 of valuation .....	17 12	12 90	—4 22

\*School year.

## Cost of the Schools

The total amount spent for the maintenance of the schools of Somerville for the school year ending June 30, 1924, is \$933,771.73.

This includes the sums spent for care of school buildings, including janitors' services, fuel light, and school telephones; the amount paid for salaries of officers, and the amount spent for school supplies; and the sum paid for salaries of teachers.

The expenditure for *care for school buildings* is wholly in charge of the City Government.

The amount paid for janitors is . . . . .	\$67,276 47
The cost of fuel is . . . . .	34,162 46
The cost of light is . . . . .	9,802 96
A total cost of . . . . .	111,241 89
The cost per capita . . . . .	7 64
Cost of repairs . . . . .	57,593 06

The second important expenditure is wholly under the control of the School Committee and is covered by what is known as the "*School Contingent*" appropriation. The following is the itemized account:—

Expenditures.	Total.	DAY SCHOOLS.		EVENING SCHOOLS.		CONTINUATION SCHOOLS AND AMERICANIZA- TION WORK
		High and Vocational	Elementary	High and Vocational	Elementary	
Officers' Salaries.....	\$14,756.09					
Office Expenses.....	3,421.76					
Textbooks.....	12,738.05	\$4,572.33	\$8,042.14		\$103.87	\$19.71
Stationery and Supplies and Other Ex- penses of In- struction.....	23,803.41	13,983.40	9,144.12	\$475.57	34.92	165.40
Miscellaneous (Tuition, etc.)	12,793.92	4,446.39	3,465.65	126.38	57.16	4,698.34
Total .....	\$67,513.23	\$23,002.12	\$20,651.91	\$601.95	\$195.95	\$4,883.45

The third, and by far the largest, element of the cost of schools is the sum spent for the *salaries of teachers*. This expenditure is under the control of the School Committee.

The following statement shows the distribution of the sums paid for salaries:—

Expenditures.	Total.	DAY SCHOOLS.		EVENING SCHOOLS.		CONTINUATION SCHOOLS AND AMERICANIZA- TION WORK
		High and Vocational	Elementary	High and Vocational	Elementary	
Supervisors .....	\$13,144.50	\$3,048.16	\$9,096.34			\$1,000.00
Principals.....	48,858.00	12,342.00	32,607.00	\$641.00	\$468.00	2,800.00
Teachers .....	693,014.11	217,942.34	457,100.77	6,733.50	1,149.00	10,088.50
Total .....	\$755,016.61	\$233,332.50	\$498,804.11	\$7,374.50	\$1,617.00	\$13,888.50

The *total outlay* for all *school purposes* includes all of the preceding and the sums spent for schoolhouse repairs and new buildings.

The *total outlay* for the school year ending June 30, 1924 is as follows:—

Care .....	\$111,241 89
Contingent .....	52,757 14
Salaries .....	769,772 70
Total for school maintenance .....	\$933,771 73
Paid for repairs .....	57,593 06
Paid for new buildings .....	289,938 66
Total for all school purposes .....	\$1,281,303 45

Each dollar of the sum spent for the support of schools has been divided in the following proportion:—

	1919	1920	1921	1922	1923	1924
Janitors' salaries ....	\$0.097	\$0.074	\$0.070	\$0.070	\$0.068	\$0.072
Heat and light .....	0.057	0.063	0.085	0.042	0.080	0.047
Administration .....	0.017	0.020	0.015	0.015	0.015	0.016
School supplies .....	0.067	0.053	0.030	0.048	0.047	0.057
Teachers' salaries....	0.762	0.790	0.800	0.825	0.790	0.808
	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000

*Per Capita Cost.* The proper method of comparison of the cost of schools year by year is to consider the sum spent for each pupil in the average membership. In this computation we exclude the cost of evening schools, and the vocational schools. The following shows:—

## THE PER CAPITA COST OF DAY SCHOOLS FOR 1923 AND 1924

	High School.			Junior High Schools.			Elementary Schools.			All Day Schools.		
	1923.	1924.	Change	1923.	1924.	Change	1923.	1924.	Change	1923.	1924.	Change
Instruction .....	\$72.92	\$76.21	+\$3.29	\$58.75	\$58.09	-\$0.66	\$42.37	\$42.18	-\$0.19	\$50.19	\$50.71	+\$0.52
Supplies .....	7.02	7.16	+0.14	8.52	4.08	+0.56	1.68	2.13	+0.45	2.84	3.28	+0.44
Care .....	9.61	9.45	-0.16	8.75	6.45	-2.30	9.50	7.18	-2.32	9.21	7.30	-1.91
Total .....	\$89.55	\$92.82	+\$3.27	\$71.02	\$68.62	-\$2.40	\$53.55	\$51.49	-\$2.06	\$62.24	\$61.29	-\$0.95

Including the cost of maintenance of evening schools, the per capita cost is as follows:—

	1919	1920	1921	1922	1923	1924
Cost of Instruction	\$31 82	\$44 34	\$50 07	\$50 90	\$50 39	\$51 21
Cost of Supplies.....	2 45	2 80	1 60	2 77	2 85	3 34
Cost of Care .....	6 43	7 45	9 62	6 73	9 24	7 39
Total .....	\$40 70	\$54 59	\$61 29	\$60 40	\$62 48	\$61 94

An examination of these tables shows that we have paid \$3.29 more for the instruction of each pupil in the High School than in 1923, and 14 cents more per pupil for supplies.

The elementary schools have cost 19 cents less per pupil for instruction, and 45 cents more for supplies.

The amount spent for the school year 1924 was \$9.40, or 70 cents less than was spent in 1923. The amount yielded for each child in the average membership of the schools for 1924, not including the vocational schools, was \$61.94.

#### Teachers' Salaries

The salaries paid to teachers in January, 1925, are as follows:—

1 man .....	\$4,100	6 men, 5 women.....	\$1,900
1 man .....	3,500	1 man .....	1,850
5 men .....	3,100	6 women .....	1,825
2 men .....	3,050	1 man, 5 women.....	1,800
4 men, 1 woman.....	3,000	22 women .....	1,750
1 man .....	2,950	2 women .....	1,725
1 man .....	2,800	1 man, 14 women.....	1,700
1 man .....	2,775	10 women .....	1,675
2 men .....	2,700	26 women .....	1,650
3 men .....	2,550	1 man, 62 women.....	1,600
5 men .....	2,500	5 women .....	1,575
1 woman .....	2,400	*1 man, 3 women.....	1,550
1 man .....	2,300	152 women .....	1,500
3 men .....	2,275	1 woman .....	1,450
1 woman .....	2,150	25 women .....	1,400
8 men .....	2,100	9 women .....	1,300
2 men .....	2,075	1 woman .....	1,250
5 men .....	2,000	15 women .....	1,200
1 man, 3 women.....	1,975	8 women .....	1,100
1 man .....	1,950	13 women .....	1,000

\*Part time.

## SIGHT AND HEARING

The following give the results of the eye and ear tests:—

	1924	1923	Change
Number of pupils enrolled .....	14,504	14,272	+232
Number found defective in eyesight ....	1,719	1,577	+142
Number found defective in hearing.....	183	148	+35
Number of parents notified .....	1,367	1,233	+134



Table 1.—Schoolhouses, January, 1925

NAME	No. of Classrooms	No. of Seats	Size of Lot, including Space Occupied by Building	Material	How Heated	How Ventilated	Valuation, including Furniture	When Built	Enlargements
High School } West	†74	1,733	*	Brick	Steam	Fan	*\$426,000	1895	8 rooms added 1906
School } East				Brick	Steam	Fan		1871	30 rooms added 1913
Prescott	13	518		Brick	Steam	Fan		1867	
Southworth }	11	356	49,310	Brick	Steam	Fan	139,200	1916	
Knapp	†13	464	24,517	Brick	Steam	Gravity	58,500	1889	4 rooms added 1894
Pope	12	578	27,236	Brick	Steam	Gravity	88,600	1891	
Bell	32	1,115	29,860	Brick	Steam	Fan	246,000	1874	{ 13 rooms added 1918 { 8 rooms added 1923
Edgerly	°12	139	24,000	Brick	Steam	Gravity	48,000	1871	{ 4 rooms added 1882 { 4 rooms added 1892
Glines	14	679	28,800	Brick	Steam	Gravity	101,400	1891	5 rooms added 1896
Chandler	35	1,365	74,124	Brick	Steam	Fan	621,000	1923	
Forster }	13	363	30,632	Brick	Steam	Gravity	112,000	1866	
Folsom }	13	293						1899	
Bingham	16	771	35,586	Brick	Steam	Gravity	82,000	1886	{ 4 rooms added 1894 { 8 rooms added 1904
Carr	15	705	20,450	Brick	Steam	Gravity	63,100	1898	
Morse	12	503	29,000	Brick	Furnace	Furnace	64,000	1869	6 rooms added 1890
Highland	†12	355	23,260	Brick	Steam	Gravity	76,600	1880	4 rooms added 1891
Carried forward.....	297	9,937					\$2,126,400		

\*Buildings are located on Central Hill Park, which contains 13 1-10 acres.

†Includes home rooms, laboratories, shops, assembly rooms, etc.

°2 rooms converted into a hall

°2 rooms not in use.

°9

Table 1.—(Concluded). — Schoolhouses, January, 1925

NAME	No. of Classrooms	No. of Seatings	Size of Lot, including Space Occupied by Building	Material	How Heated	How Ventilated	Valuation, including Furniture	When Built	Enlargements
Brought forward.....	297	9,937					\$2,126,400		
Hodgkins .....	14	568	35,034	Brick	Steam	Gravity	121,700	1896	
Western .....	24	727 <sup>†</sup>		Brick	Steam	Fan	†208,000	1917	9 rooms added 1923
Outler .....	20	911	53,729	Brick	Steam	Fan	145,800	1912	6 rooms added 1915
Bennett .....	12	508	21,964	Brick	Steam	Gravity	58,000	1902	
Hanscom .....	10	482	16,767	Brick	Steam	Fan	70,500	1897	4 rooms added 1907
Brown .....	10	487	26,733	Brick	Steam	Gravity	82,600	1901	4 rooms added 1907
Proctor .....	29	343 <sup>*</sup>		Brick	Steam	Gravity	*44,000	1905	
Burns .....	8	387	16,080	Brick	Steam	Gravity	47,000	1886	4 rooms added 1899
Lowe .....	8	386	21,650	Brick	Steam	Gravity	59,000	1903	
Baxter .....	6	290	11,000	Brick	Steam	Gravity	40,700	1901	
Perry .....	6	291	46,080	Brick	Steam	Gravity	53,500	1899	{ Machine shop added 1917 Automobile shop added 1918
Boys' Vocational { Machine Shop <sup>2</sup> Automobile Shop <sup>2</sup>	8		30,155	Wood	Furnace	Furnace	71,000	1884	
Cummings .....	4	196	11,300	Wood	Furnace	Furnace	19,900	1884	
Durell .....	4	184	13,883	Brick	Steam	Gravity	25,300	1894	
Lincoln .....	4	168	17,662	Wood	Steam	Gravity	22,800	1885	
Total.....	444	15,865					\$3,196,200		

\*State property.    †Land included in Walter Ernest Shaw Playground.    ‡One room used for Dental Dispensary.

Table 2. — Cost of Maintaining Schools.

FOR SCHOOL YEAR 1923-24.

SCHOOLS.	FROM SCHOOL APPROPRIATION.		SPENT BY CITY GOVERNMENT.	
	Instruction and Supervision.	Supplies.	Care.	Total
High .....	\$147,548.15	\$13,865.88	\$18,304.06	\$179,718.09
Northeastern Jr. ....	81,809.76	5,044.73	7,858.32	94,712.81
Southern Jr. ....	59,179.44	4,885.69	6,904.84	70,969.97
Western Jr. ....	63,124.14	4,231.55	7,650.74	75,006.43
Prescott .....	16,863.48	628.47	4,332.33	21,824.28
Hanscom .....	19,026.61	858.45	2,619.31	22,504.37
Bennett .....	21,165.22	1,312.42	2,752.59	25,230.23
Baxter .....	9,711.96	372.02	2,044.71	12,128.69
Knapp .....	15,816.61	868.61	2,819.57	19,504.79
Perry .....	11,321.82	550.51	2,044.71	13,917.04
Pope .....	20,065.30	1,076.65	2,919.50	24,061.45
Cummings .....	7,056.18	292.91	1,826.53	9,175.62
Edgerly .....	16,449.50	1,281.03	2,919.50	20,650.03
Glines .....	25,101.96	1,276.56	3,141.80	29,520.32
Forster .....	8,473.73	496.95	4,497.33	13,468.01
Bingham .....	28,869.32	1,321.55	3,588.03	33,778.90
Carr .....	26,958.94	1,411.28	3,564.92	31,935.14
Morse .....	20,069.39	805.53	2,945.50	23,820.42
Proctor .....	13,966.32	723.85	2,456.11	17,146.28
Durell .....	6,968.04	343.39	1,718.53	9,029.96
Burns .....	14,138.22	500.70	2,345.01	16,983.93
Brown .....	16,286.05	843.20	2,619.31	19,748.56
Highland .....	12,349.18	582.62	2,114.34	15,046.14
Cutler .....	34,751.78	1,819.14	5,238.62	41,809.54
Lincoln .....	6,970.31	365.63	1,804.51	9,140.45
Lowe .....	14,102.76	642.08	2,325.01	17,069.85
Atypical .....	6,420.31	376.88	920.78	7,717.97
Sight Saving .....	1,573.01	167.27	224.37	1,964.65
Boys' Vocational .....	18,070.82	4,419.22	2,096.22	24,586.26
Independent House- hold Arts .....	2,339.00	55.61	1,115.30	3,509.91
Evening .....	9,080.59	876.90	1,461.03	11,418.52
Continuation .....	6,567.21	337.76	1,118.46	8,023.43
Americanization .....	7,577.59	122.10	950.00	8,649.69
<b>Total .....</b>	<b>\$769,772.70</b>	<b>\$52,757.14</b>	<b>\$111,241.89</b>	<b>\$933,771.73</b>

Table 3. — Per Capita Cost of Maintaining Schools.

FOR SCHOOL YEAR 1923-24.

SCHOOLS.	Instruction and Supervision.	Supplies.	Care.	Total.
High .....	\$76.21	\$7.16	\$9.45	\$92.82
Northeastern Jr.....	60.15	3.71	5.77	69.63
Southern Jr. ....	58.01	4.78	6.77	69.56
Western Jr. ....	56.11	3.76	6.80	66.67
Prescott .....	51.41	1.91	13.21	66.53
Hanscom .....	40.14	1.81	5.53	47.48
Bennett.....	44.94	2.79	5.84	53.57
Baxter.....	54.26	2.08	11.42	67.76
Knapp.....	38.58	2.12	6.88	47.58
Perry.....	45.65	2.22	8.24	56.11
Pope .....	38.07	2.05	5.54	45.66
Cummings .....	40.32	1.67	10.44	52.43
Edgerly.....	28.91	2.25	5.13	36.29
Glines .....	38.92	1.98	4.87	45.77
Forster.....	37.33	2.19	19.81	59.33
Bingham .....	43.15	1.98	5.36	50.49
Carr.....	40.06	2.10	5.30	47.46
Morse .....	44.01	1.77	6.46	52.24
Proctor .....	43.24	2.24	7.60	53.08
Durell .....	41.98	2.07	10.35	54.40
Burns .....	46.05	1.63	7.64	55.32
Brown .....	44.38	2.30	7.14	53.82
Highland .....	46.60	2.20	7.98	56.78
Cutler .....	40.98	2.15	6.18	49.31
Lincoln .....	46.16	2.42	11.95	60.53
Lowe .....	42.87	1.95	7.07	51.89
Atypical .....	110.70	6.50	15.88	133.08
Sight Saving .....	121.00	12.87	17.26	151.13
Evening .....	10.86	1.05	1.75	13.66
Continuation.....	40.29	2.07	6.86	49.22
Americanization.....	20.32	.33	2.55	23.20
Elementary .....	42.18	2.13	7.18	51.49
All schools (without state-aided schools)	51.21	3.34	7.39	61.94
Boys' Vocational .....	250.98	61.38	27.73	340.09
Ind. Household Arts.....	47.85	.45	9.00	57.30



Table 4.—Annual Cost of Maintaining the Schools.

FOR A SERIES OF YEARS.

Amounts are given to the nearest dollar and include what has been paid for maintaining day and evening schools of all grades.

YEAR.	Average Membership.	FROM SCHOOL APPROPRIATION.		SUM SPENT UNDER DIRECTION OF CITY GOVERNMENT.				Total.
		Instruction and Supervision.	School Supplies.	Light.	Heating.	Janitors.	School Tele-phones.	
1912	11,710	\$306,709	\$30,319	\$5,995	\$15,676	\$30,219	\$512	\$389,431
1913	11,856	320,744	25,877	5,842	16,055	32,939	542	402,092†
1914	12,320	338,587	26,843	6,448	18,952	33,711	624	425,165
1915	12,903	357,581	29,389	5,755	18,366	32,674	213	443,978
1916	13,191	363,948	26,098	6,233	20,197	34,667	.....	451,143
1917	12,770	376,138	29,221	5,429	25,487	35,718	.....	471,993
1918	12,656	410,589	33,587	6,966	35,839	42,063	18	529,062
1919	12,733	437,730	33,225	8,821	22,960	55,710	.....	*559,328
1920	12,836	613,294	40,079	10,092	37,083	56,381	.....	*757,679
1921	13,396	714,859	26,329	12,163	63,017	61,435	.....	*878,153
1922	14,109	747,905	42,682	10,531	26,521	61,987	.....	*889,877
1923	14,308	752,272	44,106	9,883	64,726	63,408	.....	934,395
1924	14,544	769,773	52,757	9,803	34,162	67,277	.....	933,772

† \$92.50 included for rental of church for schoolhouse purposes in Ward 7.

\* Includes \$382.50, rent of Armory, in 1919.

" " 750.00, " " in 1920.

" " 350.00, " " in 1921.

" " 250.00, " " in 1922.

Table 5.—Annual Cost Per Capita of Maintaining Schools.

FOR A SERIES OF YEARS.

[Based on the average membership.]

YEAR.	Instruction and Supervision.	School Supply Expenses.	Janitors. Heat and Light.	Total.	Assessors' Valuation of City.	Ratio of Cost of School Maintenance to Valuation.
1912	\$23 61	\$2 12	\$3 99	\$29 72	\$69,632,540	\$ .00556
1913	24 54	1 91	4 18	30 63	71,848,811	.00559
1914	24 55	1 89	4 27	30 71	74,887,800	.00568
1915	24 90	2 03	3 92	30 85	77,153,500	.00575
1916	26 25	1 88	4 41	32 54	79,304,329	.00569
1917	26 72	2 05	4 61	33 38	78,921,472	.00595
1918	29 58	2 40	6 09	38 07	84,639,280	.00625
1919	31 82	2 45	6 43	40 70	87,353,424	.00643
1920	44 34	2 80	7 45	54 59	83,910,855	.00903
1921	50 07	1 60	9 62	61 29	86,718,290	.01012
1922	50 90	2 77	6 73	60 40	88,158,139	.01009
1923	50 39	2 85	9 24	62 48	92,519,400	.01010
1924	51 21	3 34	7 39	61 94	99,311,000	.00940



**Table 6. — Amount Spent Annually for all School Purposes.**  
**FOR A SERIES OF YEARS.**

YEAR.	For New Schoolhouses.	For Repairs and Permanent Improvements.	For Maintaining Schools.	Amount Spent for all School Purposes
1912	\$35,527	\$14,163	\$389,431	\$439,121
1913	34,866	19,341	402,092	456,299
1914	120,913	19,700	425,165	565,778
1915	9,745	28,212	443,978	481,935
1916	81,184	21,634	451,143	553,961
1917	94,420	27,283	471,993	593,696
1918	100,177	30,126	529,062	659,365
1919	104,067	20,492	559,328	683,887
1920	200	44,286	757,679	802,165
1921	3,285	39,573	878,153	921,011
1922	7,576	36,629	889,877	934,082
1923	588,302	63,052	934,395	1,585,749
1924	289,938	57,593	933,772	1,281,303

For years prior to 1912 see School Report of 1917.

TABLE 7.—POPULATION AND SCHOOL CENSUS

For School Year 1923-1924

1842	.	.	1,013	1901	.	.	63,000	1913	.	.	81,000
1850	.	.	3,540	1902	.	.	65,273	1914	.	.	85,000
1860	.	.	8,025	1903	.	.	67,500	1915	.	.	86,854
1865	.	.	9,366	1905	.	.	69,272	1916	.	.	88,000
1870	.	.	14,693	1906	.	.	70,875	1917	.	.	90,000
1875	.	.	21,594	1907	.	.	72,000	1918	.	.	91,000
1880	.	.	24,985	1908	.	.	75,500	1919	.	.	91,500
1885	.	.	29,992	1909	.	.	75,500	1920	.	.	93,033
1890	.	.	40,117	1910	.	.	77,236	1921	.	.	94,500
1895	.	.	52,200	1911	.	.	78,000	1922	.	.	98,000
1900	.	.	61,643	1912	.	.	80,000	1923	.	.	99,000
								1924	.	.	100,440

## School Census

Number of children between 5 and 15 years of age, inclusive, April 1, 1924	17,189
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## School Registration

Number of children between 5 and 15 years of age, inclusive.	
April 1, 1924:—	
In public schools . . . . .	12,964
In private schools . . . . .	3,295

Total	16.259
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Number of compulsory school age, 7 to 13 inclusive:—				10,280
In public schools, males	.	.	4,512	
females	.	.	4,660	
			<hr/>	9,172
In private schools, males	.	.	1,193	
females	.	.	1,245	
			<hr/>	2,438

Total	11.610
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Table 8.—Attendance of the Public Schools for the School Year  
1923-1924

Rooms used for Classrooms in June	SCHOOLS	Annual Enrollment.	Average Membership.	Average Attendance.	Per cent. of Attendance.	No. Attending in October.	No. Attending in June.
72	High .....	2,104	1,936	1,811	93.5	2,048	1,843
35	Northeastern Jr. High .....	1,461	1,360	1,299	95.5	1,394	1,305
32	Southern Jr. High .....	1,097	1,020	951	93.2	1,059	977
38	Western Jr. High .....	1,194	1,125	1,081	95.1	1,140	1,098
24	Prescott .....	372	328	301	92.0	324	376
10	Hanscom .....	534	474	435	89.9	498	432
11	Bennett .....	516	471	442	92.2	480	467
5	Baxter .....	213	179	166	92.5	180	174
10	Knapp .....	492	410	386	94.2	403	418
5	Perry .....	269	248	231	93.1	240	254
12	Pope .....	587	527	493	93.6	541	510
4	Cummings .....	206	175	163	93.1	188	171
4	Edgerly .....	631	569	528	92.8	569	549
14	Glines .....	733	645	606	91.9	664	612
7	Forster .....	238	227	211	93.0	202	280
16	Bingham .....	743	669	626	88.5	681	675
15	Carr .....	721	673	634	94.2	668	670
11	Morse .....	504	456	429	91.3	460	453
8	Proctor .....	355	323	302	93.5	323	331
4	Durell .....	188	166	155	93.0	168	161
8	Burns .....	329	307	286	93.2	312	301
10	Brown .....	401	367	346	94.1	375	353
7	Highland .....	283	265	253	95.6	265	260
20	Cutler .....	905	848	796	91.5	840	841
4	Lincoln .....	166	151	142	93.8	154	152
8	Lowe .....	348	329	307	93.3	330	326
4	Atypical .....	53	58	52	89.0	55	58
1	Sight Saving .....	13	13	12	91.2	13	13
	Boys' Vocational .....	102	72	69	96.5	80	65
4	Continuation .....	334	163	134	82.6	143	140
403	Total .....	16,092	14,554	13,647	93.8	14,797	14,265
387	Total for 1922-23 .....	15,932	14,308	13,276	92.8	14,596	13,899

Table 9. — Statistics of High School for School Year

September 10, 1923 to June 26, 1924

Number of teachers, including Head Master . . . . .	72
Number of days school kept . . . . .	180
Number enrolled . . . . .	2,104
Average number belonging . . . . .	1,936.3
Average daily attendance . . . . .	1,811.2
Tardinesses . . . . .	4,872
Dismissals . . . . .	602
In Class 1926, September . . . . .	869
June . . . . .	756
Per cent. of loss . . . . .	13
In Class 1925, September . . . . .	639
June . . . . .	576
Per cent. of loss . . . . .	9.9
In Class 1924, September . . . . .	524
June . . . . .	503
Per cent. of loss . . . . .	4
Special Students, September . . . . .	16
June . . . . .	13
Per cent. of loss . . . . .	18.8
Total, September . . . . .	2,048
June . . . . .	1,848
Per cent. of loss . . . . .	9.8
Number of graduates, male . . . . .	264
Number of graduates, female . . . . .	213
Total . . . . .	497
Average age, male graduates . . . . .	18 yrs., 3 mos.
Average age, female graduates . . . . .	17 yrs., 8 mos.
Number entering college . . . . .	78
Number of graduates entering scientific schools . . . . .	27
Number of graduates entering normal schools . . . . .	37
Cost of instruction . . . . .	\$145,389 67
Cost of supplies . . . . .	12,147 48
Total cost . . . . .	157,537 15
Per capita cost of instruction . . . . .	75 08
Per capita cost of supplies . . . . .	6 27
Total cost per capita . . . . .	81 35

Table 10.—Pupils by Grades, June, 1924.

SCHOOL.	GRADE.	TEACHERS.			PUPILS.			Never in First Grade Before
		Men.	Women.		Boys.	Girls.	Total.	
			Regular.	Assistants.				
High	Special .....				4	4	8	1,397
	Twelfth .....				218	285	503	
	Eleventh .....				253	323	576	
	Tenth .....				332	424	756	
	Total .....	17	56		807	1,036	1,843	
Junior High	Ninth .....				533	534	1,067	
	Eighth .....				489	560	1,049	
	Seventh .....				634	630	1,264	
	Total .....	16	100		1,656	1,724	3,380	
Elementary	Sixth .....		31		603	626	1,229	
	Fifth .....		31		646	675	1,321	
	Fourth .....		34		668	763	1,431	
	Third .....		33	1	711	712	1,423	
	Second .....		35		755	694	1,449	
	First .....		34	3	806	764	1,570	
	Total .....	8	198	4	4,189	4,234	8,423	
Kindergarten			7	7	176	167	343	
	Special .....	3	7					
	Sight Saving .....		1		7	6	13	
	Cadets .....		14					
	Atypical .....		4		36	22	58	
	Boys' Vocational .....	8			65		65	
	Independent Household Arts .....		1					
	Continuation .....	3	1		102	38	140	
	Americanization .....		2					
Grand Total .....		55	391	11	7,038	7,227	14,265	

Table 11.—Pupils in High, Junior High, Elementary, Vocational, and Continuation Schools, 1923-1924

	High School.	Junior High Schools.	Elementary Schools.	Kindergartens.	Vocational School for Boys.	Atypical Schools.	Sight Saving	Continuation School	Total.
Annual enrollment .....	2104	3752	9351	383	102	53	13	334	16,092
Average membership .....	1936	3505	8470	337	72	58	13	163	14,554
Average attendance .....	1811	3331	7937	301	69	52	12	134	13,647
Per cent. of attendance.....	93.5	95.0	93.7	89.3	96.5	89.0	91.2	82.6	93.8
Number cases of tardiness .....	4872	2808	4506	11	122	46	19	144	12,528
Number cases of dismissal .....	602	1112	1822		35	1	2	12	3,586
Membership, October, 1923.....	2048	3593	8513	352	80	55	13	143	14,797
Membership, June, 1924.....	1843	3380	8423	343	65	58	13	140	14,265
No. cases corp. punishment.....	2	3	23						28

Table 12.—Number of Pupils Admitted to Grade 1 in September

SCHOOL.	1920	1921	1922	1923
Prescott .....	66	78	87	82
Hanscom .....	126	78	114	83
Bennett.....	96	117	74	89
Baxter.....	34	26	35	35
Knapp.....	47	74	45	40
Perry.....	40	37	48	32
Pope.....	71	79	89	86
Cummings .....	47	48	50	41
Edgerly.....	54	53	43	40
Glines.....	110	79	94	104
Forster .....	31	25	32	33
Bingham.....	95	91	106	95
Carr.....	81	74	66	113
Morse .....	78	69	74	72
Proctor .....	36	42	44	36
Durell.....	30	37	37	46
Burns.....	77	58	83	76
Brown.....	72	72	68	63
Cutler .....	116	168	120	129
Lincoln.....	32	32	44	33
Lowe.....	72	79	61	69
Total .....	1,411	1,416	1,414	1,397



Table 13.—Eighth Grade Promotions — Junior High Schools — June, 1924

Promotion from the eighth grade to the ninth grade in the Junior High School corresponds to the promotion from the last grade of a grammar school to the High School.

SCHOOL	Number in Class in June	No. Promoted to Grade 9	No. Entering Grade 9	No. Entering Schools Outside City	No. Going to Work	No. Not Located	No. Entering Vocational School	No. Entering Other Junior High Schools In City
Northeastern Jr. High School	418	387	362	7	14	3	1	0
Southern Junior High School..	292	286	251	8	13	12	0	2
Western Junior High School ..	370	362	330	24	1	4	2	1
Total .....	1080	1035	943	39	28	19	3	3

Table 13A. — Ninth Grade Promotions — Junior High Schools — June, 1924

Promotion from the ninth grade to the tenth is the promotion from the Junior High School to the Senior High School. The tenth grade corresponds to the second year of a four year High School.

SCHOOL	Number in Class in June	No. Promoted to High School	No. Entering Somerville High School	No. Entering Other Schools, Public or Private	No. Going to Work	No. Not Located	No. Entering Boys' Vocational School
Northeastern Junior High .....	396	383	354	5	7	15	2
Southern " .....	346	*334	275	10	32	15	0
Western " .....	339	330	280	24	16	7	3
Total .....	1081	1047	909	39	55	37	5

\* Includes two pupils who died.

Table 14. — Comparative Statistics of the Attendance Department for the School Year 1923-1924

	1923	1924	Change
Number of visits to the schools . . . . .	377	429	+52
Number of visits to the homes . . . . .	1,101	989	—112
Number of cases investigated . . . . .	1,172	1,083	—89
Number of cases found to be truancy or absenteeism . . . . .	322	296	—26
Number of different pupils who were truants or habitual absentees . . . . .	249	237	—12
Number who were truants for the first time . . . . .	201	187	—14
Number who were truants for the second time . . . . .	37	35	—2
Number who were truants for three or more times . . . . .	11	7	—4
Number of girls who were truants or absentees . . . . .	68	55	—13
Number of visits to mercantile or manufacturing establishments . . . . .	33	32	—1
Number of minors found to be working without employment certificates . . . . .	70	24	—46
Number of employment certificates issued to boys . . . . .	322	256	—66
Number of employment certificates reissued to boys . . . . .	252	128	—124
Number of employment certificates issued to girls . . . . .	179	107	—72
Number of employment certificates reissued to girls . . . . .	90	37	—53
Number of educational literate certificates issued to minors over 16 years of age (first issue) . . . . .	2,363	1,852	—511
Number of newspaper licenses issued to boys 12 to 16 years of age . . . . .	45	45	0
Number of transfer cards investigated . . . . .	1,489	2,200	+711
Number of transfer cards forwarded . . . . .	.....	1,403	.....
Number of truants in the County Training school at the close of the year . . . . .	11	6	—5
Amount paid for board of truants . . . . .	\$1,006.56	\$910.02	—\$96.54

Table 14. — (Concluded) — Comparative Statistics of the Attendance Department for the School Year 1923-1924

Disposition of truancy and habitual absentee cases:—

Warned and returned to school . . . . .	137
Transferred to other schools . . . . .	10
Obtained certificates (14 to 16 years) . . . . .	26
Left school (over 16 years) . . . . .	5
Removed from city . . . . .	44
Brought before court and returned to school . . . . .	4
Brought before court and sent to Training School . . . . .	4
Returned to Training School (violating parole) . . . . .	1
Sent to Lyman School . . . . .	1
Sent to Shirley . . . . .	3
Sent to Home of the Angel Guardian . . . . .	1
Given in charge State Board of Public Welfare . . . . .	1

Table 14-A. — Truancies and Habitual Absenteeism by Ages and Grades.

GRADES.	BY AGES.											Total.
	6	7	8	9	10	11	12	13	14	15	16 or Over	
I.....	1	4		1								6
II.....		4	4	2	1							11
III.....		1	5	6	5	2	2					21
IV.....			1	7	4	2	3		3			20
V.....				1	5	12	6	3	1	2		30
VI.....					1		6	8	13	1		29
VII.....						1	6	15	18	8	2	50
VIII.....								5	14	3		22
IX.....								1	4	10		15
X.....										5	2	7
XI.....												
XII.....												
Ungraded..		5	2		1							8
Special.....					1		1	2				4
Boys' Voc'l									1	1		2
Contin't'n									5	7		12
Total.....	1	14	12	17	18	17	24	34	59	37	4	237

Table 15. — Evening High School — Season 1923-1924

	Male	Female	Total
Enrolled . . . . .	516	409	925
Average membership . . . . .	287	229	516
Average attendance . . . . .	188	157	345
Number of teachers . . . . .		21	
Number of sessions . . . . .		59	
Cost of Instruction . . . . .		\$5,502 50	
Cost of janitor, fuel, light, and supplies . . . . .		1,555 65	
Total cost . . . . .		\$7,058 15	
Cost per pupil per evening . . . . .		0 23	
Average attendance: October, 510; November, 401; December, 335; January, 285; February, 238; March, 244.			

Table 15.-A.—Evening Elementary Schools—Season 1923-1924

	Male	Female	Total
Enrolled . . . . .	131	71	202
Average membership . . . . .	84	50	134
Average Attendance . . . . .	50	33	83
Number of teachers . . . . .		6	
Number of sessions . . . . .		79	
Cost of instruction . . . . .		\$1,617 00	
Cost of janitor, fuel, light, and supplies . . . . .		591 88	
Total Cost . . . . .		\$2,208 88	
Cost per pupil per evening . . . . .		0 21	

Table 15-B.—Evening Vocational Classes—Season 1923-1924

	Women
Enrolled . . . . .	215
Average Membership . . . . .	185
Average Attendance . . . . .	159
Number of teachers . . . . .	12
Number of sessions . . . . .	39
Cost of instruction . . . . .	\$1,997 13
Cost of janitors, fuel, light and supplies . . . . .	318 45
Total expenditure . . . . .	\$2,315 58
Income from sources other than local taxation . . . . .	334 15
Net expenditure . . . . .	\$1,981 43
Reimbursement from State . . . . .	\$990 72
Net cost . . . . .	\$990 71
Net cost per pupil per evening . . . . .	\$0 137

Table 15-C.—Americanization Classes—Season 1923-1924

	Male	Female	Total
Enrolled . . . . .	291	263	554
Average membership . . . . .	189	184	373
Average attendance . . . . .	144	146	290
Number of classes . . . . .		25	
Number of teachers . . . . .		15	
Number of sessions . . . . .		75	
Membership hours . . . . .		51,885	
Cost of Instruction . . . . .		\$7,683 50	
Cost of supplies . . . . .		39 55	
Total cost . . . . .		\$7,723 05	
Reimbursement from the State . . . . .		3,861 53	
Net cost . . . . .		\$3,861 52	
Net cost per membership hour . . . . .		\$0 074	



Table 16.—Promotions from Elementary to Junior High Schools

	1920	1921	1922	1923	1924
Knapp.	107	83	91	132	161
Perry.	32	39	.....	.....	.....
Pope.	127	136	129	136	88
Edgerly.	171	171	168	157	189
Glines.	83	94	91	90	95
Forster.	31	29	35	29	40
Bingham.	66	95	87	78	87
Carr.	96	113	142	118	138
Morse.	61	43	68	58	68
Proctor.	59	44	53	64	59
Brown.	70	43	69	73	44
Highland.	178	155	161	156	129
Cutler.	120	115	154	147	146
Total.	1201	1160	1248	1238	1244
Average Membership of Elementary Schools	8334	8270	8268	8347	8878
Per cent of Average Membership Promoted	14.41	14.03	15.09	14.83	14.02

**Table 17. — Attendance Statistics.**

FOR A SERIES OF YEARS.

JUNE	ENROLLMENT	Average Membership	Average Attendance	Per cent. of Attendance	Number of Tardinesses	Ratio of Tardiness to Average Attendance
1912	13,272	11,710	11,083	94.6	6,307	0.569
1913	13,491	11,903	11,216	94.2	7,354	0.655
1914	13,932	12,320	11,610	94.2	7,380	0.635
1915	14,505	12,903	12,189	94.5	8,000	0.656
1916	14,647	13,191	12,323	93.4	9,373	0.761
1917	13,967	12,770	11,933	93.7	7,325	0.613
1918	14,256	12,656	11,798	93.2	8,970	0.760
1919	14,039	12,733	11,609	91.2	9,744	0.839
1920	14,091	12,836	11,807	91.9	11,628	0.993
1921	14,500	13,396	12,533	93.6	11,337	0.904
1922	15,225	14,004	13,160	94.0	11,620	0.883
1923	15,932	14,308	13,276	92.8	13,164	0.991
1924	16,092	14,554	13,647	93.8	12,528	0.918

**Table 18. — Membership, Etc., of High School.**

FOR A SERIES OF YEARS.

YEAR.	Average Membership all Schools.	Largest Number in High School.	Per cent. of Average Membership of all Schools.	Number of Graduates of High School.	Per cent. of Average Membership of all Schools.
1912	11,710	2,023	17.28	296	2.53
1913	11,903	2,081	17.48	296	2.48
1914	11,610	2,111	18.18	273	2.35
1915	12,903	2,258	17.50	311	2.41
1916	13,191	2,288	17.35	348	2.64
1917	12,770	1,973	15.45	340	2.66
1918	12,656	1,520	12.01	332	2.62
1919	12,733	1,854	14.56	310	2.43
1920	12,836	1,714	13.35	241	1.87
1921	13,396	1,762	13.15	316	2.36
1922	14,004	2,037	14.55	613	4.38
1923	14,308	2,061	14.40	419	2.93
1924	14,554	2,104	14.45	497	3.41

For years prior to 1912 see School Report of 1917.

Table 19.—Promotions for School Year Ending June 26, 1924

## Junior High Schools.

GRADE.	On June Promotion List	Unconditionally Promoted to Next Grade	Promoted on Trial	Retarded	Promoted more than One Grade	Special Promo- tions during Year	Promotees Dropped Back after Two Months' Trial
I	1,286	1,054	141	91			1
II	1,075	886	135	54			2
III	1,080	977	70	33			1
Total.....	3,441	2,917	346	178			4

Percentage of Promotions for School Year Ending June 26, 1924

## Junior High Schools.

GRADE.	On June Promotion List	Unconditionally Promoted to Next Grade	Promoted on Trial	Retarded	Promoted more than One Grade	Special Promo- tions during Year	Promotees Dropped Back after Two Months' Trial
I	100	82.0	11.0	7.0			0.7
II	100	82.4	12.6	5.0			0.1
III	100	90.0	6.5	3.5			0.9
Average .....	100	84.8	10.1	5.1			1.0

Table 19A.—Promotions for School Year Ending June 26, 1924

**Elementary Grades.**

GRADE.	On June Promotion List.	Unconditionally Promoted to next Grade.	Promoted on Trial.	Retarded.	Promoted more than One Grade.	Special Promo- tions during Year.	Promotees Dropped Back after Three Months' Trial.
I	1,593	1,259	96	234	4	2	
II	1,472	1,254	84	125	9	10	7
III	1,432	1,218	110	98	6		2
IV	1,347	1,154	113	76	4	1	1
V	1,329	1,063	163	71	32	8	
VI	1,244	1,094	100	36	14	3	
Total.....	8,417	7,042	666	640	69	24	10

Percentage of Promotions for School Year Ending June 26, 1924

**Elementary Grades.**

GRADE.	On June Promotion List.	Unconditionally Promoted to next Grade.	Promoted on Trial.	Retarded.	Promoted more than One Grade.	Special Promo- tions during Year.	Promotees Dropped Back after Three Months' Trial.
I	100	79.0	14.7	6.0	0.3	0.1	
II	100	85.1	5.9	8.4	0.6	0.6	0.4
III	100	85.1	7.6	6.8	0.5		0.1
IV	100	85.7	8.4	5.7	0.2	0.7	0.7
V	100	80.0	12.2	5.4	2.4	0.6	
VI	100	88.0	8.1	2.8	1.1	0.2	
Average....	100	83.7	7.9	7.6	0.8	0.2	0.1

## DISTRIBUTION OF PUPILS BY AGES, APRIL 1, 1924.

GRADE	A G E																	TOTAL	Above * Normal Age	Per cent. Above Normal Age
	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 or over				
Kgn.	212	136															348			
1	1	844	652	94	22	6	4					3					1,626	129	7.93	
2		11	716	546	158	34	11	3	1								1,480	207	13.98	
3			1	31	634	495	191	77	14	4	3	2					1,452	291	20.04	
4					43	587	553	178	69	22	7	4					1,463	280	19.14	
5					1	45	471	480	213	89	22	8	1				1,330	333	25.04	
6						4	60	447	441	187	85	32	5				1,261	309	24.50	
7							5	70	479	461	217	66	14	1			1,313	298	22.70	
8								4	61	361	437	188	32	7	2		1,092	229	20.97	
9										2	82	416	426	151	24	4	1,108	182	16.42	
10											4	77	331	273	96	10	793	108	13.62	
11												6	51	289	201	48	603	56	9.29	
12													7	75	252	129	508	45	8.85	
P. G.																	13			
Total	213	992	1,399	1,318	1,311	1,320	1,271	1,282	1,211	1,270	1,118	841	584	199	45	16	14,390			
Under Normal Grade				94	180	231	270	299	303	334	303	203	128	64	43					
Per cent. Under Normal Grade				7.13	13.73	17.50	21.24	23.32	25.02	26.30	27.10	24.14	21.90	32.16	95.55					



TABLE 20—RESIGNATIONS OF TEACHERS 1924

School	Teacher	Resignation took effect	In Service
High .....	Elsie M. R. MacLaren	Dec. 24, 1924	16 yrs.
High .....	Ethel M. Moore	June 30, 1924	1 yr.
High .....	Ethyn Williams	June 30, 1924	1 yr.
High .....	Edna Woodbury	April 12, 1924	2 yrs., 5½ mos.
Southern .....	Mildred B. Barmby	Jan. 1, 1924	2 yrs., 4 mos.
Southern .....	Elsie B. Fiske	June 30, 1924	1 yr., 4 mos.
Southern .....	† Marie T. Smith-Brandt	Dec. 24, 1924	26 yrs., 4 mos.
Northeastern .....	Anna R. McLaughlin	Feb. 21, 1924	8 yrs., 6 mos.
Northeastern .....	Aline Morgan	June 30, 1924	1 yr.
Northeastern .....	Olive B. Place	June 30, 1924	1 yr.
Northeastern .....	Rachel M. Pratt	June 30, 1924	3 yrs., 4 mos.
Northeastern .....	Gladys M. H. Sullivan	October, 1924	2 yrs., 2 mos.
Western .....	Jean Frazier	Dec. 24, 1924	4 mos.
Western .....	Jessie M. Howard	Sept. 12, 1924	4 yrs., 8 mos.
Western .....	Helen M. Stone	June 30, 1924	3 yrs.
Western .....	Helen S. Wright	Feb. 2, 1924	7 yrs., 5 mos.
Prescott .....	Hazel S. Ashman	Jan. 25, 1924	1 yr., 5 mos.
Perry .....	Irene Vincent	June 30, 1924	21 yrs., 6 mos.
Glines .....	Helen P. Colley	Nov. 21, 1924	3 yrs., 3 mos.
Glines .....	Editha A. Sharkey	Feb. 1, 1924	4 yrs., 5 mos.
Bingham .....	† S. Jane Batson	June 30, 1924	24 yrs.
Bingham Kgn. ....	M. Regina McDonough	June 30, 1924	5 yrs.
Carr .....	† Susie L. Luce	June 30, 1924	27 yrs., 7 mos.
Carr .....	Helen M. Mason	Oct. 10, 1924	4 yrs., 6 mos.
Carr .....	Ada C. Mawhinney	Mar. 31, 1924	4 yrs., 5 mos.
Morse .....	Louise F. Deady	Nov. 7, 1924	9 yrs., 3 mos.
Morse .....	Elizabeth White	June 30, 1924	1 yr., 6 mos.
Brown .....	Bessie I. MacCutcheon	Dec. 24, 1924	9 yrs., 4 mos.
Cutler .....	Katie L. Harmon	Dec. 7, 1924*	8 yrs., 4 mos.
Cutler .....	Mabel W. Thomas	June 30, 1924	5 yrs.

† Retired \* Died

TABLE 21—TEACHERS ELECTED IN 1924

School	Teacher	Coming From	Salary	Service Began
High	Gladys B. Hastings	Somerville	\$1,500	Sept., 1924
High	Helen G. Leitch	Not Teaching	1,700	Nov. 3, 1924
Northeastern	John J. Malone	Everett High	1,800	Sept., 1924
Northeastern	Florence W. Wheeler	Keene, N. H.	1,600	Sept., 1924
Southern	Charles W. Copp	Matsumoto, Japan	1,600	Sept., 1924
Southern	Anne C. Donohue	Not Teaching	1,200	Sept., 1924
Southern	Evelyn E. Weston	Fairhaven, Mass.	1,600	Sept., 1924
Western	Frances E. Biller	Somerville	1,200	Sept., 1923
Western	Veola DeLauzon	Somerville	1,300	Nov., 1923
Western	Madeline E. Flynn	Somerville	1,000	Sept., 1923
Western	Jean Frazier	Not Teaching	1,200	Sept., 1924
Western	Viola M. Jackson	Milton	1,600	Sept., 1924
Western	Dorothy Perkins	Somerville	1,100	Sept., 1923
Western	Miriam Poole	Not Teaching	1,500	Oct., 1924
Western	Carolyn E. Precious	Townsend	1,300	Sept., 1924
Prescott	Gertrude F. Donahue	Somerville	1,000	Sept., 1924
Prescott	Evelyn MacDonald	Somerville	1,000	Sept., 1924
Prescott	Doris F. Rudd	Somerville	1,000	Sept., 1924
Bennett	Bessie W. Young	Somerville	1,400	Sept., 1923
Bennett	Abigail Bailey	Somerville	900	Sept., 1924
Knapp	Helen L. Gallagher	Somerville	1,100	Sept., 1923
Knapp	I. Gertrude McEachern	Somerville	1,000	Sept., 1923
Perry	Helen M. Armstrong	Somerville	1,000	Sept., 1924
Edgerly	Mary M. Dorney	Somerville	1,000	Sept., 1923
Glines	Helen Northrup	Somerville	1,100	Sept., 1924
Forster	Hazel C. Wellington	Somerville	1,000	Sept., 1923
Forster	Lillian G. Wells	Somerville	1,000	Sept., 1923
Bingham	Margaret Callahan	Somerville	1,000	Sept., 1923
Carr	Helen Hession	Somerville	1,000	Sept., 1923
Carr	Grace A. McElhiney	West Bridgewater	1,500	Jan., 5, 1925

Table 21—(Concluded)—Teachers Elected in 1924

School	Teacher	Coming From	Salary	Service Began
Morse Kgm. ....	Esther D. Hamilton	Not Teaching	900	Sept., 1924
Brown .....	Ruth Brown	Cincinnati	1,400	Sept., 1924
Brown .....	Valborg Prebensen	Somerville	1,000	Sept., 1923
Cutler .....	Hilda Foley	Somerville	900	Sept., 1923
Cutler .....	Alice Parlin	Somerville	1,200	Sept., 1923
Cutler .....	Gladys Stone	Somerville	1,000	Sept., 1923
Continuation .....	Marion H. Hathaway	Fitchburg	1,400	Sept., 1924

Table 22—Leave of Absence of Teachers

Adela Balch, for one year ending June 30, 1925.  
 Berta M. Burnett, for one year ending June 30, 1925.  
 Edith V. Blood, for one year ending June 30, 1925.  
 Marion Allen for six months beginning Sept. 1, 1924.  
 Helen E. Harrington from Sept. 1 to Jan. 1, 1925.  
 Marion A. Viets beginning Sept. 1, 1924 for an indefinite period.  
 Jennie M. Twiss beginning Sept. 1, 1924 for an indefinite period.

## Cadets

Lillian Andrews	Ruth M. Drew
Mona Burke	Mary Harrington
Eleanor Casey	Alice Frances Morgan
George K. Coyne	Gladys M. Wellington
Dorothea Crosby	Catherine Wiggins
Pauline D. Dodge	Helen Wilson

Table 23—Transfers of Teachers

Teacher	From	To
Francis J. Mahoney	Eastern	High
Estelle Crowe	Continuation	High
Hazel L. Smith	Northeastern	High
Gladys M. H. Sullivan	High	Northeastern
Helen L. Galvin	Brown	Northeastern
Elsie M. Guthrie	Cutler	Northeastern
Hortense F. Small	Lincoln	Cutler

Table 24. — Number of Teachers.

FOR A SERIES OF YEARS.

YEAR.	High School.	Junior High Schools.	Elementary Schools.	Special Teachers.	Assistants not in Charge of Room.	Contin.	Amer.	Men.	Women	Total
1912	66†	.....	252*	22	9	.....	.....	40	309	349
1913	68†	.....	257*	28	12	.....	.....	39	326	365
1914	75†	.....	266*	30	20	.....	.....	44	347	391
1915	76†	.....	272*	31	15	.....	.....	45	349	394
1916	77†	.....	290*	30	15	.....	.....	46	366	412
1917	70†	65	238*	33	17	.....	.....	49	374	423
1918	70†	108	207*	28	5	.....	.....	49	369	418
1919	70°	106	207*	26	9	.....	.....	48	370	418
1920	69°	113	212*	23	8	.....	.....	54	371	425
1921	75°	115	216†	25	14	5	2	60	392	452
1922	72†	114	216†	22	16	5	2	57	390	447
1923	75°	120	222†	24	18	4	2	55	410	465
1924	76°	117	221†	24	16	4	2	59	401	460

†Including a secretary.

\*Including four kindergartners.

‡Including seven kindergartners.

oIncluding a secretary and a matron



Table 25—BOOKS AUTHORIZED FOR USE, 1924

## For High Schools

## As Text Books:—

- Book of Choruses, Silver, Burdett and Company.  
 Plane Geometry, Durell and Arnold.  
 Advanced Dictation and Secretarial Training, with an accompanying Budget of Forms and Classified Dictation Drills, by Reigner.  
 Fortuna, by Perez Escrich, D. C. Heath and Company.  
 La France et Les Français, Pargment, The Macmillan Co.  
 Un Jeune Homme Presse, Lehman, Henry Holt & Co.  
 Conteurs Français d'Aujourd'hui, Michaud, D. C. Heath & Co.  
 Le Pari d'un Lyceen, Chancel, Charles E. Merrill Co.  
 Un Jeune Legionnaire, Erlande, Charles E. Merrill Co.  
 La France et Sa Civilisation, Lanson et Desseignet, Henry Holt & Co.  
 French Idioms and Phrases, Cheney, Ginn & Co.  
 La Poudre aux Yeux, Labiche et Martin, American Book Co.  
 Les Miserables, Hugo, Charles Scribner's Sons.  
 Voyage de Monsieur Perrichon, Labiche et Martin, D. C. Heath & Co.  
 Biology for Beginners, Moon, Henry Holt & Co.  
 History of the U. S., Fite, Henry Holt & Co.  
 History of the U. S., Beard and Beard, The Macmillan Co.  
 Practical Map Exercises and Syllabus in American History, Bishop and Robinson, Ginn & Co.  
 Practical Map Exercises and Syllabus in European History, Bishop and Robinson, Ginn & Co.  
 Sentence and Theme, Ward, Scott, Foresman & Co.  
 Captains Courageous, Kipling, Doubleday, Page & Co.  
 Hugh Wynne, Mitchell, The Century Co.  
 Short Stories for English Courses, Mikels, Charles Scribner's Sons.  
 Present Day Essays, Knickerbocker, Henry Holt & Co.  
 Types of Essays, Heydrick, Charles Scribner's Sons.  
 A Dutch Boy Fifty Years After, Bok, Charles Scribner's Sons.  
 The Making of an American, Riis, The Macmillan Co.  
 Contemporary One-Act Plays, Lewis, Charles Scribner's Sons.  
 Twelve Plays, Knickerbocker, Henry Holt & Co.  
 Short Stories of Various Types, Charles E. Merrill Co.  
 Secretarial Studies—Sorelle & Gregg, with accompanying Laboratory Materials, Gregg Publishing Co.  
 Second book in Algebra, Enlarged Edition, Durell and Arnold, Charles E. Merrill Co.

## As Desk Books:—

Secretarial Dictation, Sorelle & Gregg, Gregg Publishing Co.

## As Reference Books:—

Industrial Geography, Whitbeck, American Book Company.

## For Junior High Schools

## As Text Books:—

- Cuentos y Lectures en Castellano, Maria Solano, Silver, Burdett & Co.  
 Junior English Book, Hitchcock, Henry Holt & Co.



## For Elementary Schools

## As Text Books:—

## Basic Readers

Home and Country Reader (Bk. 2 to 6), Little, Brown & Co.  
 Bolenius Readers, Houghton Mifflin Co.  
 The Elson Readers, Scott Foresman & Co.

## Supplementary Readers

Robin Hood and His Merry Men, Rand, McNally & Co.  
 King Arthur and His Knights, Rand, McNally & Co.  
 Geography for Beginners, Rand, McNally & Co.  
 Twilight Town, Little, Brown & Co.  
 The Outdoor Books, Little, Brown & Co.  
 Stories of U. S. for Youngest Readers, Educational Pub. Co.  
 Red Feather Long Ago Series, Lyons and Carnahan.  
 Our European Ancestors, Houghton Mifflin Co.  
 The Circus Reader, Benjamin Sanborn & Co.  
 Midway Readers (Bk. 1, 2, 3), Laidlow Brothers.

## Sets of Three

Pets and Companions, Ginn and Co.  
 Myths of the Red Children, Ginn and Co.  
 Sea Stories for Wonder Eyes, Ginn and Co.  
 Stories Old and New, Ginn and Co.  
 Wilderness Ways, Ginn and Co.  
 Northern Trails, Ginn and Co.  
 Wood Folks at School, Ginn and Co.  
 A Little Brother to the Bear, Ginn and Co.  
 Secret of the Woods, Ginn and Co.  
 Ways of Wood Folks, Ginn and Co.  
 Pilgrim Stories, Rand, McNally & Co.  
 Viking Tales, Rand, McNally & Co.  
 Little Lives of Great Men, Rand, McNally & Co.

Lincoln

Washington

Napoleon

Frederick the Great

Little Pioneers, Rand, McNally & Co.  
 Bunny Rabbit's Diary, Little, Brown & Co.  
 Log Cabin Days, Little, Brown & Co.  
 Stories of Colonial Children, Educational Pub. Co.  
 Robinson Crusoe, Educational Pub. Co.  
 Stories of Our Holidays, Silver, Burdett & Co.  
 Little Home Workers, Benjamin Sanborn & Co.

## Desk Copies

Busy Builders at Work, Ginn and Co.  
 Mary of Plymouth, American Book Co.  
 Seth of Colorado  
 Peter of Amsterdam  
 Antoine of Oregon  
 Philip of Texas  
 Martha of California  
 Benjamin of Ohio  
 Calvert of Maryland  
 Good Citizenship, American Book Co.  
 Play Awhile, Little, Brown & Co.  
 Children of the Palm Lands, Educational Pub. Co.  
 Work-a-Day Doings on the Farm, Silver, Burdett & Co.  
 In Fable Land, Silver Burdett & Co.  
 Amer. History Plays for Little Americans, Benjamin Sanborn & Co.  
 Citizenship Plays, Benjamin Sanborn & Co.  
 The Winston Simplified Dictionary, John C. Winston Co.  
 The Winston Simplified Dictionary, John C. Winston Co.  
 Primary Edition

Table 26—HIGH SCHOOL GRADUATION

The graduation exercises of the High School occurred Monday, June 23, 1924.

# Order of Exercises



OSCAR W. CODDING, Chairman of the School  
Committee, Presiding.

1. OVERTURE—"William Tell".....Rossini  
High School Orchestra, Oliver W. Holmes, Leader
2. PRAYER—Rev. George E. Leighton  
Pastor First Universalist Church
3. SINGING—"The Heavens, Resounding".....Beethoven  
Graduating Class
4. CLASS ORATION—"Youth's Responsibility"  
Basil Mills
5. PIANO SOLO—"Concert Etude in D Flat".....Liszt  
Catherine Carver
6. CLASS POEM—"Youth Goes Forth"  
John A. Holmes
7. SINGING—"The Caravan Song".....Chadwick  
Semi-Chorus
8. ADDRESS TO GRADUATES  
John A. Cousens, LL. D.,  
President of Tufts College
9. ORGAN SOLO—"Offertoire in B Flat".....Read  
Florence Cooper
10. PRESENTATION OF DIPLOMAS TO GIRLS
11. SINGING—"The Gypsy Life".....Balfe  
Graduating Class
12. PRESENTATION OF DIPLOMAS TO BOYS
13. SINGING—"Class Ode"  
Graduating Class
14. March—"The NC-4".....Bigelow  
Orchestra

Singing and orchestra under the direction of James P. McVey,  
Supervisor of Music in the Public Schools.

## SOMERVILLE HIGH SCHOOL

## LIST OF GRADUATES

June, 1924

\*Graduated with honor

Ethel May Aikens	Irene Mildred Connell
Adelle Cecelia Allen	Florence Emily Cooper
Claire Ruth Andarson	*Katherine Cooper
Esther Marie Anderson	Mary Theresa Corcoran
Mary Elizabeth Anderson	Winnifred Esther Coville
Helen Marie Ash	*Berenice Cecile Coyne
Emma Victoria Louise Atley	Dorothy May Cragin
*Ruth Jeanette Bain	Gladys Catherine Crawford
Clara Baker	Margaret Rita Cullinane
Mona King Baker	Mildred Elizabeth Cullington
Petronilia Mary Balboni	Doris Wharff Cushing
Alice Morse Belden	Dorothy Louise Cushing
Adelaide Norma Bensaia	Madelon Custer
Helen Rose Bergen	Mary Caroline Davis
Ruth Linnell Berry	Loretta Emma Daykin
Philomena Mildred Bianco	Katherine Irene Patricia Dolan
Rose Blish	Reta Hawes Donaldson
Bertha Kathryn Bockman	*Doris Dow
Florence Maria Bond	Minnie Mildred Duchin
Elizabeth Lovering Bowser	Edith Marion Duggan
Sybil Isabelle Boyce	Clarice Raymond Dunbar
Marguerite May Boynton	Anna Rita Dunleavey
Ruth Elizabeth Brann	Madalen Rose Dwyer
Edith Otillia Braun	*Gretta Louise Dyas
Mary Alma Brosseau	*Avis Bates Eaton
Alice Mae Brown	*Helen Marguerite England
May Gertrude Brown	Florence Virginia English
Miriam Rae Brown	Mabelle Elizabeth Everett
*Frances Linnette Bullen	Florence Adelaide Ewell
*Dorothy Lillian Burgess	Dorothy Elizabeth Faulkner
Frances Lilla Burhart	Rose Louise Felt
Inda Elizabeth Butler	Helen Elizabeth Fenton
Celia Frances Capodano	Louise Marie Ferretti
Helen Esther Carey	Bernice Margaret Fitzpatrick
Marjorie Isabel Carl	Ruth Claire Flanagan
Beatrice Evelyn Carr	Elizabeth Frances Flynn
Terrilia Catherine Carver	Catherine Agnes Foley
*Alice Frances Chandler	*Dorothy May Ford
Doris Churchill	Lillian May Fowler
Eleanor May Clark	Ruth Fowler
Dorris Mae Clough	Marion Lawrence Francis
*Esther Molly Cohen	Rena Stanlay French
Rebecca Cohen	Anna Marie Frizzell
Emilie Bartlett Cole	Natalie Ruth Fuhrman
Elizabeth Rose Collins	Constance Mary Garrod
Irene Frances Collins	Beulah May Glidden
Margaret Mary Collins	Flora Gordon
Ruth Anna Collins	Ruby Bertha Graves
Anna Margaret Coneeny	Mildred Geneva Gray
Angela Flavan Conlan	Nellie Eudora Gray



- Marion Louise Grimes  
 Marion Alberta Grout  
 Evelyn Caroline Grush  
 \*Stella Marie Guazzaloca  
 Hattie Josephine Hall  
 Ruth Taska Hall  
 Ruth Ida Hallington  
 Alice May Hamilton  
 Katharine Emily Hamilton  
 Dorothea Harriet Hanscom  
 Mildred Ella Hanson  
 Barbara Chase Harding  
 Isabel Crockett Harding  
 Mary Alice Harrington  
 Marjorie Orcutt Harts  
 Ruth Eleanor Hassett  
 Harriet Hyde Hawes  
 \*Greta Christina Hedlund  
 Eleanor Rebecca Hellmann  
 Elizabeth Winifred Hennigan  
 Helen Elizabeth Herrick  
 Rachel Gould Herrig  
 Elma Louise Hill  
 \*Lillian Kathryn Hillman  
 Marjorie Chapman Hobbs  
 Alice Coan Hopkins  
 Annie Elizabeth Horan  
 Edna Rose Howe  
 Bessie Doris Howland  
 Beatrice Louise Hughes  
 Eleanor Ensworth Humiston  
 Elinor May Hurley  
 Gertrude Ensley Hutchinson  
 Mildred Lucille Hutchinson  
 \*Doris Mildred Hyde  
 Gladys Lucella Jaques  
 Elizabeth Jeremiah  
 Mary Evelyn Keeley  
 Louise Nona Kelley  
 Bertha Clyde Keltz  
 Margaret Emily Kendall  
 Agnes Mary Kennedy  
 Kathryn Kenny  
 \*Lillian May Kingston  
 Marjorie Knox  
 Margaret Eileen Kuhn  
 Natalie Alice Latham  
 Catherine Corrine Lavey  
 Mary Etta Leddy  
 Hazel Gladys Leith  
 Helena Mary Leyden  
 Ruth Eleanor Linderholm  
 Louise Susan Lindsey  
 Mildred Josephine Locke  
 Catherine Agnes Long  
 Ethel Mary Lowney  
 Esme Marguerite Heppell Lucas  
 \*Eleanor Josephine Macdonald  
 Mildred Leona Macdonald  
 Helen Bradford Macfarlane  
 Florence Mary MacGillivray  
 Mary Jeanette MacGillivray  
 Merl MacGillivray  
 Mary Anna MacKenzie  
 Dorothy Frances MacKinnon  
 Grace Evelyn MacLachlan  
 Elisabeth Maddison  
 Margaret Elizabeth Malvey  
 Christine Louise Matheson  
 Inez Kathryn McAfee  
 Dorothy Margaret McAnern  
 Louise Mae McCarty  
 Gertrude Ruth McMenimen  
 Ellen Agnes Mekkelson  
 Dorothy Rose Mellett  
 Margaret Elizabeth Mellett  
 Lillian Emily Milano  
 Marguerite Milner  
 Eileen Veronica Moloy  
 Agnes Theresa Moore  
 Alice Moore  
 Helen Ashley Moore  
 \*Marion Grace Moore  
 Alice Josephine Moran  
 Alice Mary Morris  
 Myrtle Elizabeth Morrissey  
 \*Mildred Frances Moses  
 Velma Irene Moses  
 Aroosiag Ruth Movsessian  
 Helen Gladys Murphy  
 Sara Margaret Newcombe  
 Marion Aloysia Newell  
 \*Dorothy Thurston Newman  
 Catherine Frances Norean  
 Mary Katharine O'Connor  
 Rebecca MacVeigh Oliver  
 Katherine Frances O'Loughlin  
 Lillian Mae Olsen  
 Esther Margaret O'Rourke  
 Hattie May Orr  
 Doris Avery Page  
 Ruth Mary Paterson  
 Loretta Mabelle Patterson  
 Ruth Jones Payrow  
 Kathryn Merrill Peak  
 Ruth Wilbur Pickard  
 Clara Jacqueline Portesi  
 Elinor Wakefield Powers  
 Esther Lucy Prescott  
 Frances Molly Pugatch  
 Mary Agnes Quinn  
 Dorothy Mae Ranger  
 \*Mary Ransom  
 Marjorie Montgomery Read  
 Beatrice Louise Reud  
 Dorothy Elizabeth Reud  
 Priscilla Ripley  
 Geraldine Robinson  
 Marion Alice Roche  
 Madelyne Wippen Roffe

Dora Margaret Rogers	Celeste Carolyn Wood
Lydia Ariel Ross	Elsie May Wood
Allene Mauriel Rowe	Dorothy Allen Wyman
*Eunice Margaret Russell	Louise Maxine Yacubian
Mildred Ann Ryan	
Evelyn Irene Ryer	
Margaret Teresa Sammon	Hugo Gordon Anderson
Elsie Evelyn Sandvold	Albert Baker
Almas Sarkesian	Charles Harrison Barrett
Ida Marguerite Sawin	Robert Hugh Bates
Stefana Scavitto	Wallace Clark Baxter
Linnet Byrd Schwartz	John Hunnewell Beedle
Madelyn Flora Scott	Edgar Daniel Behenna
Josephine Mary Seretto	*Dwight Elbert Bellows
Sara Sherburne	*George Kennett Benham
Mildred Herberta Shirley	Raymond Forbes Bennett
Margaret Elizabeth Sliney	Walter Stephen Bennett
Anna Marion Sloane	Louis Charles Berman
*Melvina Allan Smillie	Matthew Joseph Bettencourt
*Bertha Frances Smith	Alfred Thomas Bibby
*Bessie May Smith	Philip Leslie Bidmead
Helen Mae Smith	Newman Maurice Biller
Hester Frances Smith	Edward John Blair
Ida Louise Smith	Charles Woodford Bliss
*Mildred Nickerson Smith	Charles Florindo Bocchino
Virginia Amina Smith	Maxwell Delmore Boyd
Margaret Frances Snell	George Edward Bradley
*Elizabeth Crawford Sonier	John Patrick Brophy
Elizabeth Mary Stacey	Elliot Couden Brown
Constance Rose Steed	Thomas Alexander Brown
Esther Helen Sullivan	William Edward Brown
Dorothy Spence Summerhayes	John William Burke
Elin Alfreda Swanson	Randolph Thomas Burleigh
Frances Marie Swinehamer	Thomas Elmer Burns
Mary Phyllis Ta Kash	Everett Gould Buxton
Marion Elizabeth Tarr	Benjamin Bearse Cahoon, Jr.
Margaret Beateay Taylor	Romeo Achilles Calderoni
Elizabeth Thompson	Paul Felix Calzolari
Evelyn Elizabeth Thompson	Curtis Campbell
Margaret Timpe	George Kenneth Campbell
Helen Marie Tolstrup	Saverio Antonio Capodilupo
*Sophie Regina Truelson	Kenneth George Carnes
Esther Mae Tucker	William Francis Casey
Barbara Tuttle	Julius Bernard Clayman
Mary Frances Vacaro	James Joseph Coffey
Mildred Eleanor Van Arsdalen	Francis Leo Coffin
Elizabeth Van Cor	Frank Shepard Coggin
Eleanor Van Ummersen	Eben Thomson Colby
Helen Elizabeth Wahlstrom	Clifford Douglass Cole
Helen Maria Walsh	Francis Gilman Collier
Helen Veronica Walsh	Walter Ernest Collins
Phyllis Cass Wardrobe	Harry Mark Connelly
Marguerite Sarah Waterman	William Oliver Corliss
Helen Waters	James Joseph Cotter
Viola Littlefield Watts	Leo Francis Cotter
Verona Annie Whitcomb	William Francis Crocker
Catherine Edna White	Vincent Robert Cronin
Dorothy Mary White	Allan Herbert Crosby
Ethel Amelia Whittier	Francis Charles Crotty
*Edith Gladys Wilkins	James Edward Cruickshank



- Edmund James Cusick  
 John Charles Daley  
 Noobar Danielian  
 Arthur Francis DePadua  
 Anthony Wallace DiCecca  
 Anthony DiCredico  
 Gerald Forde Dineen  
 John Bernard Dolan  
 Frank Sidney Dole  
 Thurlow Jackson Dolliff  
 Hugh William Duffy  
 \*Samuel Milton Dupertuis  
 Milton Frederick Dyke  
 Harry Edelstein  
 Henry Alexander Eksted  
 Clifford Eugene Ells  
 George Oliver Emery  
 \*Charles Phillip Engelhardt, Jr.  
 Stanley Howard Englund  
 Stuart Andrew Englund  
 Norman Eyster  
 George Frederick Fardy  
 Malcolm Joseph Farrell  
 Harold Stanley Ferguson  
 James Joseph Fitzgerald  
 Francis Xavier Foley  
 Clarence Kendall Fraser  
 Orland Edward Fritz  
 Atherton Graydon Fryer  
 Harvey Reginald Fuller, Jr.  
 Charles William Gaffney  
 Reginald Packer Geer  
 Rocco Giannantonio  
 Carl Edward Giannone  
 Ernest Clifford Goodspeed  
 George Emory Gordon  
 John Albert Gorman  
 John Joseph Griffin  
 Francis Michael Hanley  
 Roy Stanley Hanslick  
 William George Harrington  
 Herbert Francis Hart  
 Edward Stone Hawes  
 Charles Herman Hellmann  
 Harold Arthur Hilton  
 Kenneth Busell Hofmann  
 Felix William Hogan  
 Frederick Duhn Hoitt  
 John Milton Holden  
 John Albert Holmes, Jr.  
 Oliver Wardman Holmes  
 Robert Webster Holmes  
 John Stanley Hull  
 Warren Lee Johanson  
 Howard Chester Johnson  
 Wilmot William Jones  
 Edgar Norman Josephson  
 Raymond Anthony Kaspar  
 Charles Gerard Keleher  
 Joseph Vincent Kelley  
 John Jerome Kelliher  
 John Henry Kelly  
 Walter Winchester Kelly  
 Norwood Davis Kenney  
 Edward Kiley  
 Selwyn Colgate Killam  
 Charles Henry Kilty  
 Charles William Knowlton  
 Edwin Russell Knox  
 John Mark Kolligian  
 Joseph Leahy  
 James Moore Logan  
 Charles Edward Lyons  
 John Finlay MacKenzie  
 John Francis Maguire  
 Richard Aloysius Maguire  
 William John Mahoney  
 Albert Charles Malloy  
 Manuel Richard Maness  
 George Nishan Mangurian  
 Wallis Ernest Mann  
 James Clifford Marchant  
 Allen Littlefield Martin  
 Aram Charles Matthewsian  
 Raymond Earle McLaughlin  
 Harold Anthony Medeiros  
 Willis Allen Megathlin  
 Robert Basil Mills  
 John Joseph Mohan  
 John Anthony Mongan  
 Raymond Stanley Moore  
 Edwin Francis Murphy  
 John Raymond Murphy  
 James Nargisian  
 Harris Ford Neil  
 Charles Gilbert Newcombe  
 Ripley Edwin Nickerson  
 George Edward Ninde  
 Charles Brendon O'Connor  
 George Alphonsus O'Connor  
 Albert Charles Oliver  
 \*John Edward O'Loughlin  
 Christopher Cornelius O'Neill  
 Jacob Nazar Panjarjian  
 Allen Smith Perrins  
 Edward Walter Peters  
 Howard Alexander Petrie  
 Clarence Hooper Phelps  
 Howard Brown Phillips  
 Edward Francis Powers  
 Albert Benjamin Pullo  
 John Sheridan Queenan  
 John Domenic Raffi  
 \*Charles Kimball Ranger  
 Joseph Edward Reagan  
 Joseph Donovan Riley  
 Charles Isaiah Roberts  
 Herbert Elias Robertson  
 William Joseph Rodwell  
 Robert Arnold Rogers

Richard Everett Rolls  
Robert Joseph Ryan  
Marston Cleaves Sargent  
Sarkis Giragos Sarkisian  
Carl Franklin Saunders  
George Henry Saunders  
George Richard Savani  
Benjamin Shapiro  
Chester Joseph Sheerin  
\*Arthur Hyman Slafsky  
Carl Norton Smith  
William Kenneth Soar  
Irving Gravely Spering  
William Leonard Stevens, Jr.  
John Landers Stewart  
Frederick Joseph Stynes  
Edward Clifford Sullivan  
Richard Durant Sullivan  
Raymond Milton Swift  
Leslie Franklin Thompson

Franklin Bowker Thurston  
\*Richard Tousey  
Anthony Traniello  
Stanley Dunham Truelson  
Willard Stevens Tuttle  
Kenneth Surell Ulm  
George Jenkins Urlwin  
John Van Ounsem  
Richard Currier Waldron  
Robert Irwin Wallace  
Francis Henry Webber  
Abraham Joseph Weisman  
Julius Ernest Weiss  
William Edward Welch  
Rodney Eastman Whittemore  
Fred Ernest Wilson  
Charles Ralph Worters  
Frederick Zappini, Jr.  
Alexander George Zographos, Jr.

Junior High School graduations occurred in the school buildings on June 23, 1924.

### LIST OF GRADUATES

#### Northeastern

Helen Lillian Aikins	Harriet C. Caldwell
Bruce Lee Alexander	Anna May Callahan
Charles F. Allard	Mildred Gertrude Carev
Francis J. Allard	George E. Carter, Jr.
Norma M. Allen	Mary Agnes Casey
Frank Richard Andersen	Anna J. Cashman
Harold C. Anderson	Gennario Caso
Josephine M. R. Angelo	Raymond J. Cavicchio
Anna Mary Arata	Cornelius Joseph Chambers
Clyde Melvin Armstrong	Dorothy Lydia Cheney
Frank Norman Armstrong	Serafina. Frances Ciambelli
Stanley John Articary	Helen E. Clement
Violette Frances Ayer	John Joseph Clifford
Clifford D. Bain	Esther Annie Cohen
Wesley Houghton Baker	Roger Cohen
Eleanor Evelyn Balboni	Sarah Cohen
Blanche Elaine Baptista	Mary F. Coit
Mary Louise Baro	Kenneth Collins
Nella A. Baroni	Marguerite F. Comeau
Marguerite Elizabeth Bassett	Helen M. Conlin
Grace B. Beattie	Anna P. Cook
Laura M. Bellamacina	Mildred Katherine Corey
Dorothy E. Benjamin	Margaret Cecilia Corkum
Mildred Helen Berry	Muriel E. Cox
Jennie Evelyn Blackadar	Richard William Cox
P. Albert Blanche	John Francis Coyle
Helen Thompson Blish	Eva J. Cragg
Angelina A. Bocchino	Lambert Cronin
Joseph William Bollard	Louise Eunice Cronin
Louise Gertrude Bolton	Raymond Clifford Cronin
Robert W. Bolton	Michael F. Crowley
Anthony Bonanno	George C. Cullen
Frederick J. Bowen	Harrison Eugene Cummings
Edward J. Breen	Sumner W. Curtis
Eileen Doris Breen	George A. Daily
Ellen Frances Brennan	John Dangora
Francis Brennan	John B. Davidson
John Brown	Bertram Eugene Davis
Manuel Louis Brown, Jr.	Warren Ralph Day
Mary Catherine Bruno	Anthony Joseph DeGeorge
Bernardine Buccelli	Margaret R. Delaney
Robert J. Buckley	Lillian Dorothy DeMita
Cleante E. Bullio	Vincent J. DeMita
Elsie Mary Burke	Archibald George DeMone
Helen R. Burke	Ruth Devine
Thomas F. Burke	Amleto Michael DiGiusto
Alice Margaret Burns	James H. Dingee
John James Burns	Dorothy May Dixon
Evelyn Frances Burnside	Priscilla O. Dodge
Charles Frederick Bussell	Alice Helen Doherty
James Edwin Butters	Francis X. Dolan

Frederick Dolan  
 Frank W. Dolloff  
 George Florian Donegan  
 Ruth Elizabeth Dougall  
 Thomas Maguire Duggan  
 Dorothy Veronica Durant  
 Mary Louise Eagan  
 Marion H. East  
 Paul Bryan Eaton  
 John Edwin Elliott  
 Elwood Eugene Ellis  
 Mildred Florence Elwin  
 Marguerite Mary Ernst  
 Lewis Melvin Faber  
 Lillian M. Fairbairn  
 Marguerite Josephine Farley  
 Mary Valentine Farley  
 Elizabeth R. Farrell  
 Virginia Hughes Farrington  
 Marion V. Farrow  
 Elizabeth May Faulkner  
 Ethel Frances Fay  
 George F. Finigan  
 James A. Fisher  
 Myron C. Fisher, Jr.  
 Orill Howard Fitz  
 Herbert L. Fitzgerald  
 Margaret Mary Fitzgerald  
 Katherine May Flanagan  
 Richard E. Flynn, Jr.  
 Francis Charles Foley  
 Margaret Kathryn Foley  
 Gladys Dorothy Forbes  
 William S. Forsyth  
 Fred L. Fowler  
 Robert A. Fowler  
 Philip Angelo Franzosa  
 Mildred Alfrida Friberg  
 Aubrey Leslie Fritz  
 Harold Sutherland Furness  
 Aldo A. Galleni  
 Lillian Frances Gammon  
 Ralph Lawson Garrett  
 Dante Louis Gattoni  
 Mildred M. Gaudet  
 Sadie Katherine Giacobbe  
 Charles Gigante  
 Paul Gilbert  
 Margaret Jean Gilroy  
 Myer Goldstein  
 George H. Goodwin  
 Evelyn Florence Gordon  
 Ann Lantry Grady  
 James Jeremiah Grady  
 Paul Grandison Grady  
 John A. Graham  
 Mabelle Rita Graham  
 Jennie S. Gramatis  
 Delaphene Anna Gratecyk  
 Barbara Heloise Greene

H. Clifton Gustin  
 Winifred Hails  
 Edith P. Hall  
 Madeline Hammond  
 Kathryn C. Hayward  
 Wesley F. Haywood  
 Edythe F. Hazelton  
 Margaret G. Heafey  
 Edith Mary Hebert  
 Helen Heos  
 Thelma G. Hill  
 Adoris F. Hogue  
 Richard Francis Holmes  
 James E. Horan  
 Margaret Catherine Hourihan  
 Arthur J. Howe  
 Alice Burnadette Hurley  
 Muriel L. Jex  
 Fred Thomas Johnson  
 Charles Arthur Jones  
 Gilbert Maurice Jones  
 William C. Jones  
 Veronica R. Kane  
 Christine Mary Keith  
 Thomas Francis Kelleher  
 Mary Anna Kennedy  
 William Francis Kennedy  
 William Curran Kiley  
 Eva Wilson Kimpton  
 Ruth M. Kimpton  
 Muriel Pearson King  
 Walter R. Kinneen  
 Lucy S. Kingston  
 Earle Bonney Knapp  
 Gertrude O. Kohler  
 Charles H. Krant  
 Jennie L. Langone  
 Edmund Francis Laurendeau  
 Joseph J. Leary  
 Margery LeBaron  
 Dorothy Lillian Leeman  
 Helen LeMay  
 Anna Louise Lomasney  
 Pasquale Henry Lombardi  
 Philomena Lombardi  
 Dorothy M. Long  
 Helen Margaret Long  
 Lillian Mae Loveless  
 Sidney H. Lovering  
 Howard Marshall Lowell  
 Leslie E. Luscombe  
 Thomas Francis Lyons  
 Ruth Mabey  
 Ina Helen MacCaskill  
 Elmer MacKinnon  
 Mary Elizabeth MacNeill  
 Helen J. Mahoney  
 Mary Agnes Mahoney  
 William Taft Major  
 Marjorie H. Mann



Helen M. Manning  
Irene Dora March  
Israel Marcus  
Kermit Colbath Marsh  
Sterling Eldridge Martell  
John Martignetti  
Byron N. Martin  
Helen Viola Martin  
Edmund Massello  
Daniel Joseph McCarthy  
Marion Kathleen McCarthy  
Letitia L. McConologue  
Rose Dorothy McGrath  
Elizabeth Mary McKinnon  
Walter N. McKinnon  
Catherine Mary McLaughlin  
John Day McLaughlin  
Violet Mary McNaught  
William H. McNelley  
Arthur Mello  
Mary Beatrice Mellow  
Beatrice Rose Metzger  
Benedetta Milano  
Joseph Millin  
Frederick Louis Minzner  
Rose Mirabile  
Gertrude H. Moran  
Mary Josephine Morris  
Michael Mortelli  
Frances Eleanor Mullen  
Caroline Agnes Murphy  
Francis T. Murphy  
Grace Josephine Murphy  
Helen Elizabeth Murphy  
Helen Rita Murphy  
Kathryn V. Murphy  
William Joseph Murphy  
Thomas Francis Murray  
Raymond Lincoln Nason  
Anna L. Newman  
Mary Josephine Noreau  
Effie Moss Noseworthy  
Kenneth P. Nunn  
Francis A. O'Brien  
Helen Edwina O'Brien  
Paul O'Brien  
Arthur O'Connell  
George O'Connell  
Edna Rose Oliver  
Joseph O'Neil  
John Francis O'Rourke  
Oliver Osgood  
George Nicholas Panartos  
Catherine Papathanasi  
Geraldine M. Pare  
Bryant William Patten  
Philip Ormsby Peasley  
James Neil Peistrup  
Louis F. Pellegrini  
Belle Adalyn Petit

Thomas Francis Polette  
Arnold T. Polley  
Phosa I. Porter  
Ruth W. Powell  
Katherine Marie Powers  
Goodwin Ryder Prentiss  
Earle Howard Prescott  
Norma Lee Preston  
Harold Lloyd Prince  
Idah Pugatch  
Thomas Punzo  
John Harold Quinlan  
Annie Theresa Quinn  
Mary J. Quinn  
Dorothy Edith Ralston  
Helen Marie Ranaghan  
Anna M. Reardon  
Gladys R. Reardon  
Helen Ruth Reardon  
James Martin Patrick Redmond  
Frank Reynolds  
Gertrude Reynolds  
Jeannette Margaret Richardson  
Ruth Ann Riley  
Frank Ringer  
Carleton Bartlett Ripley  
Clifford W. Robie  
Evelyn Rose Robinson  
Mary Dorothy Rogan  
Martha Russell Rogers  
Eugene F. Rohwedder  
Lambert Joseph Ronayne  
Margaret Helen Rosetta  
Beatrice May Ross  
Ernest R. R. Ruggles  
Betty S. Russell  
Svea G. Russell  
Bridget Christina Ryan  
Stephen J. Ryan  
Jennie Marsh Sachs  
Thora Himes Sanderson  
Vaughan B. Sanford Jr.  
Maurice Llewellyn Sellers  
J. Albert Shaw Jr.  
Mildred Cathleen Shea  
Celia A. Shepard  
Jessie Shepherd  
Asa P. Siggins  
Lillian Grace Silliker  
Oliver G. Sinclair  
Ira D. Smith  
Loretta Sousa  
Donald G. Spaulding  
Alma Frances Spiers  
Frank Spignese  
Ernest Joseph Spurio  
Lester N. Stanley  
John Armstrong Stewart Jr.  
Thomas P. Stewart Jr.  
Catherine V. Sullivan



Elenore Elizabeth Sullivan  
 John Melville Sullivan  
 Margaret Helen Sullivan  
 Margaret Mary Sullivan  
 Marguerite A. Sweeney  
 Abraham Taitelbaum  
 Anthony Vincent Taurasi  
 Florence May Taylor  
 Henry Taylor  
 Robert William Taylor  
 Albert E. Thompson  
 Margaret Harriet Thompson  
 Elsie Belle Tibbetts  
 Leon C. Tibbetts  
 Richard Francis Tobin  
 Anna Marian Toland  
 Walter H. Tomlinson  
 Mary B. Toomey  
 Graydon Elliot Toothaker  
 Mary Louise Traynor  
 Edmund Bartholomew Tremblay

Jennie Alice Truskolasky  
 Ann Caroline Tucker  
 Doris Evelyn Turner  
 Lewis Charles Tuttle  
 Leonard Norbert Tyler  
 Thomas Valery Veale  
 Benedict Ventura  
 Alfred Stephen Vercellini  
 Paul Francis McCormack Videritti  
 Gladys Frances Wagner  
 Grace Loretta Walsh  
 Dorothy Catherine Watkins  
 Rosamond Watson  
 Robert Watts  
 Everett B. Wheeler  
 Helen Lois Woodbury  
 Charles Winthrop Worthley  
 Helen A. Wright  
 John W. Wright  
 A. Margaret Yacopucci

## Southern

Virgilio G. Aiello  
 David William Alves  
 Ezra Andelman  
 J. Ralph Andelman  
 Edith Louise Anderson  
 Evelyn Esther Austin  
 Helen E. Ayles  
 Mary Babin  
 Attilia Mary Balboni  
 Dorando Peter Balboni  
 Margaret P. Ball  
 Eleanor L. Baratta  
 Henry Eugene Baratta  
 Allan Lane Barton  
 Mary Josephine Basile  
 Mary Elizabeth Bedingfield  
 Clarence J. Behenna  
 Helen Elizabeth Beljan  
 Pearl Esther Bengonzie  
 William Joseph Bergen  
 Peter Anthony Bertocci  
 Ethel Greta Blaisdell  
 M. Manuel Blank  
 Ruth M. Blood  
 Thomas D. Bloomer  
 Rose Natalie Bonanno  
 Ralph William Boone  
 Joseph Borgati  
 Marguerite Helen Bouchie  
 Frederick Joseph Breen  
 Mary Louise Brett  
 Mary Rita Bridges  
 John Joseph Brown  
 Lena Ida Buchman

Hilda L. Buonomo  
 James Thomas Burnett  
 Evelyn Mae Butler  
 Mary Ameilia Cabral  
 Catherine M. Calandrella  
 Joseph Francis Callahan  
 Mary Gertrude Callum  
 Joseph Campagna  
 Anna C. Canniff  
 Lena M. Capodanno  
 Lawrence P. Capodilupo  
 Laura Carbone  
 Robert William Card  
 James Joseph Carney  
 Lawrence Carra  
 Anthony Louis Chiesa  
 Janet E. Clark  
 John J. Coffey  
 Louva Frances Cogswell  
 Donald Joseph Collins  
 Alice Whidden Conroy  
 Annie Rita Conway  
 John Joseph Conway  
 Ruth G. Copithorne  
 Walter Joseph Corbett  
 Joseph Ryan Corish  
 Gertrude Madeline Coyle  
 Raymond Francis Crocker  
 Clyde A. Crosby  
 Thomas Crotty  
 Alfreda Emma Dagnino  
 Vincent Joseph Damiano  
 Dorothy Louise Davies  
 Dominic Joseph DeLorenzo

Vincent P. Dente  
 Helen Josephine Dermady  
 Inez DeSimone  
 James Francis Devereaux  
 Francis DiCecca  
 Anthony DiSilva  
 Doris A. Dixon  
 Edgar Cecil Docherty  
 Elizabeth Margaret Dolan  
 Timothy Francis Donnellan  
 Edward Joseph Doran  
 Edward James Downey  
 John Francis Downey  
 Manuel Charles Duarte  
 Edward T. Dunlea  
 Stuart H. Edwardes  
 Harold Thomas Edwards  
 Mary Ellis  
 Edward A. Ellison  
 Muriel S. Erlandson  
 Lillian Elizabeth Elliott  
 Ethel Irene Fallon  
 Edward J. Falls  
 Edmund Leo Fantelli  
 Lewis W. Farrar  
 Anna Lucy Feener  
 Bernard Francis Fenton  
 James E. Ferguson  
 Thomas William Fitzgerald  
 Charles Arthur Fitzgibbon  
 Francis Vincent Fitzpatrick  
 Edward J. Flood  
 Joseph Patrick Flynn  
 Thomas W. Flynn  
 Arthur Robertson Fogg  
 Albert E. Foley  
 Arthur William Foley  
 Edward Patrick Foley  
 Mary Elizabeth Foley  
 Dorothea Regina Forrest  
 Joseph Edward Foster  
 Lillian May Foster  
 Helen P. Frizzell  
 Francis T. Gallagher  
 John Joseph Galligan  
 Carina Gandolfi  
 Gilbert Francis Gannon  
 Alfred Peter Gardner  
 Anne Louise Garritty  
 G. Haskell Gaspar  
 Jennie Matilda Gilbert  
 Margaret Elizabeth Gillen  
 Adrienne Gioconda Gilli  
 Chester L. Gilliatt  
 William W. Gillis  
 Samuel Goldberg  
 Frances M. Gordon  
 George C. Gormley  
 William Joseph Govang  
 Benjamin Robert Graham

Edith Graham  
 Margaret Graham  
 Mildred A. Greenlaw  
 Richard Henry Greilach  
 Francis Griffin  
 William Joseph Griffin  
 Esther Grossman  
 Alice Stella Haggerty  
 Abbie M. Hall  
 Charles Edward Hamilton  
 Louis Arthur Hamilton Jr.  
 Robert Henry Hanlon  
 Ruth Marion Hanlon  
 Gertrude Elizabeth Harer  
 Joseph Bernard Harte  
 M. Louise Hartshorn  
 Marion Katherine Hastings  
 Rose Catherine Hess  
 Herbert Edward Hill  
 Doris Frances Hinsman  
 Edward E. Holden  
 William R. Houley  
 Wilbur C. Irving  
 Alice E. Johnson  
 Elmer G. Johnson  
 Robert D. Johnston  
 John Joyce  
 Emily M. Kawabe  
 Elmer William Keane  
 Margaret Agnes Keane  
 Edward Francis Kelley  
 Marguerite Bernice Kelley  
 Theresa C. Kelley  
 Caroline Kinder  
 James J. King  
 Francis A. Kirk  
 Goldie Klayman  
 Daniel Kratman  
 Earl William Landry  
 Catherine Florence Lane  
 Joseph A. Lane  
 Everett Milton Langley  
 Ambrose L. Lanigan  
 Edward Tenney Leadbetter  
 Edna Margaret Leddy  
 Thomas Matthew Lee  
 William James Lee  
 Ethena Levas  
 Florence A. Lewis  
 Isabella Margaret Leyden  
 Manuel C. Lima  
 Harriet Ruth Logan  
 Frieda E. Lundberg  
 Philip Arnold Lynch  
 Paul Allen MacInnis  
 C. Lester MacKay  
 Florence Lillian MacKay  
 John J. Mahan  
 Mary Alice Maloney  
 Theresa Manning

Charles S. Margosian  
 Joseph Marino  
 Clara Elizabeth Marshall  
 Alice Jeannette Martin  
 John L. Mason  
 Vincelovia Matulis  
 Ethel Helenor McCarthy  
 John Joseph McCarthy  
 Joseph D. McCarthy  
 Josephine Frances McCarthy  
 Mary Josephine McCarthy  
 Patrick Joseph McCarthy  
 Paul LeRoy McCue  
 Mary Kathryn McDermott  
 John J. McDevitt  
 John J. McDonnell  
 John J. McDonough  
 Genevieve Edith McFaun  
 John Frederic McGann Jr.  
 Thomas McGovern  
 George Francis McGowan  
 Daniel James McHugh  
 Edward S. McIsaac  
 Mary Louise McKinnon  
 Emily Marie McLaughlin  
 Lawrence E. McMenimen  
 George Edward McNamara  
 Albert P. McSweeney  
 Myles James McTernan  
 Alice E. Miller  
 Charles W. Mitchell  
 Theresa M. Mitchell  
 George Albert Moors  
 John Joseph Morley  
 Mazie Catherine Morrison  
 Nellie Isabelle Morrison  
 Catherine C. Murphy  
 Ethel Elizabeth Murphy  
 Mary G. Murray  
 James V. Musto  
 John Francis Noonan  
 Samuel Norris  
 Audrey Jeanne Nowell  
 Richard William Obear  
 John Joseph O'Brien  
 Mary Elizabeth O'Brien  
 Mildred M. O'Brien  
 Timothy M. O'Brien  
 Daniel Francis O'Leary  
 Katherine Minetta O'Leary  
 William Joseph O'Leary  
 Agnes Rita O'Neill  
 Christopher Joseph O'Neill  
 Charles Francis Orrell  
 Stella Marie Palmer  
 Erwin Tyler Parkhurst  
 William Joseph Pasquina  
 Joseph S. Perry  
 George E. Phelps  
 Thomas D. Phillips

Francis J. Polimeni  
 Mabel Gertrude Port  
 John Joseph Powers  
 Arthur George Price  
 Lawrence A. Priest  
 James Joseph Punch  
 Helen Josephine Quinlivan  
 John J. Quinn  
 Walter F. Quinn  
 John H. Ramsey  
 Clyde A. Rano  
 Leona A. Rano  
 Attilio Joseph Re  
 Catherine Jane Reardon  
 Joseph Louis Restighini  
 Mary Lucille Riley  
 Jessie M. Rinehart  
 Arthur Leo Rodwell  
 Margaret Dorothy Roman  
 Ernest Harland Rowe  
 Ellis H. Russell  
 William Michael Ryan  
 Jennie Helena Sainato  
 Sophie Salinger  
 Edwin Newell Sanborn  
 Mary Sarkesian  
 Ruth Henrietta Schelin  
 Charles E. Schreiber  
 Herbert Reginald Scott  
 Harriet Ward-Seifen  
 Edward D. Shanahan  
 Morris Shapiro  
 Frederick M. Sharkey  
 Frank White Shepherd  
 Ruth Elizabeth Sibley  
 Lillian Charlotte Sigel  
 Beatrice Marie Silva  
 Francis Anthony Silva  
 Richard James Sliney  
 Nathaniel Robert Smith  
 Roland G. Smith  
 Mary Gloria Sousa  
 William Spear  
 Joseph Sanders Styneist  
 Albert W. Styne  
 Edward R. Sullivan  
 James Leo Sullivan  
 John J. Sullivan  
 Timothy E. Sullivan  
 Timothy Michael Sullivan  
 William Joseph Sullivan  
 Alfred E. Tadgell Jr.  
 Beatrice E. Tarlson  
 Arshilous Tashjian  
 Marguerite Agnes Tashjian  
 Sarah C. Tashjian  
 Gregory M. Testa  
 Mabel Irene Torode  
 Thomas John Torode  
 Richard C. Tosi



Leo A. Traverse  
 Elmer Edward Turner  
 Grace Marie Underhill  
 Florence Lillia Underwood  
 Marie Ruth Yagnati  
 R. Alice Van Ummersen  
 Marie Carmela Veneri  
 Rose Margaret Vitiello  
 Grace Mildred Vroom  
 Elizabeth M. Wagner  
 Ferne Rowell Wakeman  
 William Francis Walsh

James Francis Ward Jr.  
 E. Fae Warren  
 Caroline Ethel Whelan  
 Helen Mary Whelan  
 Harold Clarence White  
 Richard Joseph White  
 Edward Carroll Whitney  
 Mildred Frances Willard  
 Robert James Willwerth  
 Clarissa Cecilia Wilson  
 John Leslie Wood  
 Anthony M. Zambenardi  
 Mary G. L. Zermani

### Western

Naida Athol Adam  
 Lillian Drew Adams  
 Ruth Irene Allen  
 Christina Margaret Anderson  
 Mae Watson Anderson  
 Sven Osten Anderson  
 Maud Esther Attridge  
 Cleon E. Babcock  
 John Louis Bacigalupo  
 Louise Frances Bailey  
 Frances Mary Baker  
 Howard Atward Baker  
 Enzo Baldi  
 Edward M. Ball  
 Edna Bearte Barr  
 Mildred E. Barrett  
 Paul Hernon Beauchemin  
 Francis John Bigley  
 Ethel Louise Bignotti  
 Elmer A. Birdsall  
 Marian M. Blake  
 Ruth Revena B. Blake  
 Eleanor E. Bliss  
 Frances M. Bonney  
 Hazel Adelyn Boss  
 Thelma E. Bowiby  
 Robert McColloch Boyden  
 Herbert Elmer Brack  
 Rose E. Brackett  
 Marion Frances Brennan  
 M. Gladys Brown  
 Henry Michael Bruni  
 Jane M. Buchan  
 Elmer W. Bumpus  
 William Vincent Burns  
 Evelyn Thelma Burt  
 Allen Kenneth Butterfield  
 Beatrice A. Cademartori  
 Cornelius Cahalane  
 John C. Calhoun  
 Margaret Jane Campbell  
 Camillias Frederick Capodanno

James J. Carney  
 Edna Madeline Casey  
 Arthur V. Cavagnaro  
 Muriel L. Caverno  
 Howard Amos Chase  
 William Francis Chisholm  
 Carmelita Doris Chiuccarello  
 Elizabeth Hurlbut Church  
 F. Roselyn Chute  
 Frederick Albert Clark  
 Lewis J. Clark  
 Thomas J. Clark  
 Helen Elizabeth Clement  
 Evelyn M. Coates  
 Eleanor A. Colburn  
 Helen Irene Colby  
 Eunice Barbara Collupy  
 Daniel J. A. Coughlin  
 Alice Gwendolyn Coulson  
 Joseph J. Coveney  
 Audrey Cox  
 Richard H. Cox  
 Charles H. Cragin  
 Forrest E. Crawford  
 Thomas D. Crockett  
 Catherine Frances Cronin  
 Elizabeth Pettit Crook  
 Marjorie C. Cullington  
 Evelyn Cummings  
 H. Lyle Cunningham  
 Margaret Elizabeth Curran  
 Dorothea E. Cutting  
 Prentiss Floyd Davis  
 Preston Clyde Davis  
 M. Louise Deacon  
 John Howard Derby, Jr.  
 Lawrence H. Devine  
 Walter Robert Dewar  
 Lesina Di Blasio  
 Edwin Frank Dillaby  
 Mary C. Dillon  
 Ray Charles Dion

Thelma Viola Dodge  
 Mande Doherty  
 Nora E. Doncaster  
 Isabelle M. E. Down  
 Charlotte Helena Downey  
 Evelyn M. Downing  
 Hazel Kathleen Downs  
 Pearl O. Doyle  
 Alwilda I. Drury  
 Raymond Arnold Dube  
 Leona C. Dunham  
 Dorothy P. Dunn  
 Martha Doris Dunn  
 Marie Antoinette Dussault  
 Ellsworth Bryant Easton  
 Edna May Elder  
 Stella R. Ellis  
 Harriet Adams Emery  
 Muriel Parker Eyster  
 Orland Farnham  
 Herbert H. Farr  
 Laura May Farrow  
 Cleo B. Faulkingham  
 Rafford Lochart Faulkner  
 John Ferri  
 Julia Ferris  
 Mildred Langille Fife  
 Arnold Douglass Finley  
 Richard Cuddy Finn  
 Angelene L. FitzPatrick  
 Albert E. Fleming  
 Lillian C. Fontana  
 Gladys F. Foster  
 Marie Gertrude Fowlow  
 Electa Copithorne Fudge  
 Bertha Irene Fullerton  
 Chester LeRoy Gardner  
 Philip C. Gibson  
 Herbert Lyle Gilbert  
 Marguerite Irene Gillis  
 Howard A. Girard  
 Julian Merrill Glidden  
 Priscilla F. Gobron  
 Samuel B. Goldberg  
 Anna Anahid Goolkasian  
 Edith Lucy Gould  
 Lawrence Eugene Grant  
 William R. Grant  
 Phyllis Marie Gray  
 Norman Eldredge Greene  
 Harold Francis Greenough  
 Beatrice Ella Griffin  
 Ruth H. Grout  
 William W. Hallahan  
 Catherine V. Hanley  
 Helen Elizabeth Hardy  
 Richard James Hassett  
 Eugene Hawes  
 Doris Olive Hildred  
 Lois Meserve Honnors

Marjorie A. Hopkins  
 Edna May Howard  
 Martha Ellen Howard  
 Alan George Howes  
 Elizabeth B. Hunt  
 Margaret MacKenzie Hurd  
 Ernest Armstrong Hussar Jr.  
 Ruth Wheeler Hutchins  
 Genevieve May Ingalls  
 Hazel Mae Innes  
 Ruth L. Jackson  
 Evelyn Beatrice Jardine  
 Patrick John Jodice  
 Albert Joseph Johnson  
 Charlotte Marie Johnson  
 Ebba L. Johnson  
 Esther K. Johnson  
 Florence Gertrude Johnson  
 Howard W. Johnson  
 Lillian Leona Johnson  
 Rudolph J. O. Johnson  
 Ruth E. Johnson  
 Annabelle Johnston  
 Richard Joyce  
 Elmer Blake Jule  
 Ruth Woodard Keator  
 Helen Kathleen Kelley  
 Ruth Marian Kelley  
 Lillian J. Kelly  
 Lucy Lorraine Kelly  
 Alberta Mae Kelson  
 Louise N. Killory  
 Harriet Anne Krauth  
 Mary Ellen Lally  
 Augustus J. Lamborghini  
 Helen Bertha Lang  
 Mary LaRocca  
 H. Alice Lavers  
 Constance R. Leal  
 Carol Donald Lehane  
 Stephen John Leveroni  
 Dorothy H. Lewis  
 Horace Osborne Lewis  
 John C. Linehan  
 Roy W. Linfield  
 Mabel Robertson Locke  
 Emma Adaline Macdonald  
 Frances Anne Macdonald  
 Joseph A. Macdonald  
 Edna Bleaklie Macfarlane  
 Irene Isabelle MacGillivray  
 Marie Dervin MacIntyre  
 Florence Martin MacLean  
 James P. MacLelland  
 Sidney A. MacSween  
 Burt Angel Macy  
 Beatrice A. Malatesta  
 George S. Mann  
 Marian Marshall  
 Alexander Martin



Alphonso Martin	Mary E. Reilly
Marie Deloris Martin	Louis Gannett Richards
Joseph L. Marvin	Ruth Richardson
Walter D. McAfee	Eleanor Robinson
Eleanor M. McAuliffe	Esther Christine Rose
Mary A. McCarthy	Eleanor M. Ross
William F. McCarthy Jr.	Philip E. Rundlett
Edward Malcome McGray	Arthur Odell Sanborn
William J. McKeown	Donald B. Sanborn
Frank Allen McLain	Margaret Mary Saunders
Emory Allan McLean	William P. Saunders
Arthur Alexander McLennan	George R. Sawin Jr.
Dorothy M. McMenimen	Charlotte W. Sawyer
Francis C. McNamara	Helena Athea Schneider
Gertrude Martha McNamara	Horace E. Seaman
Kathryn McNamara	Gertrude L. Searle
Marguerite J. McNamara	Harry B. Seymour
Mary Levinia McNamara	Irving Shapiro
Anna Gertrude McSweeney	George A. Sheldon
Mary Agnes McSweeney	Katherine R. Sheridan
Rora T. Melville	William Henry Shirley
Bena C. Membrino	Edward William Skaling
Margaret Elizabeth Merritt	Edward Henry Skuse
David G. Miller	Dorothy E. Smith
Lewis Jesse Mitchell	Ralph A. Smith
Eleanor Mitrano	Seretha Ellen Smith
Dorothea Catherine Monahan	Anthony E. Sousa
Ruth C. Moore	Constance H. Springer
M. Frances Morris	Frank Leslie Springer
Helen Rita Murley	Russell Colesworthy Squires
Ruth Davida Murray	Laura E. Steed
Frances Naugler	Robert Leslie Stephens
Erik John Nelson	Meriel Louretta Stickney
Madeline Edwards Newcombe	Evelyn M. Stratton
Mae Eleanor Newell	Helen Emily Strehlis
Ruth L. Nicklas	Grace Ludlow Stowell
Jason Eastman Nourse	James Ellsworth Sumner
John Gerad O'Brien	Thomas A. Sweeney
Harold Franklin Ordway	Gertrude H. Tainter
Kenneth J. Osborn	Howard Neilson Tait
Mabel E. Page	William J. Talbot Jr.
Myra Frances Page	Robert Edwards Thomas
Queenie Takoohy Pambookjian	Evelyn Kean Thorburn
Doris Alfa Pearson	Evelyn Irene Thorne
James Allen Peoples	Fred Ernest Tibbetts
Florence Evelyn Perry	Edward L. Traver Jr.
Frances Elizabeth Phillips	Mildred Frances Treible
James Ralph Pierce	Robert Llewelyn Tribe
Alice Marie Powers	Henry Earl Trotta
Anna M. Powlishack	Harold C. Urlwin
Lorna Margaret Proudfoot	Helen Louise Walker
Janet Hunter Putnam	Alice G. Warren
Esther Catherine Quinn	Frances Holmes Waugh
Charles F. Ransom	Ronald Isador Weiss
William Joseph Reagan	Florence A. Wentworth
G. Norman Reamore	Marguerite C. Wentworth
John W. Reardon Jr.	Medora Elizabeth Wheaton
Eleanor M. Reed	Vera H. Whitney
Elizabeth S. Reed	Esther Margaret Whittaker
Ida Grace Reid	Julia E. Williams

Isaiah Wilson  
 N. Kenneth Wilson  
 Celia Elizabeth Winne  
 Dexter L. Wise  
 Marjorie Louise Worthylake

Ernest Richard Yates  
 Geraldine Frances York  
 Areleen Elizabeth Yoston  
 Emmett K. Zink Jr.  
 Estelle W. Zwicker

TABLE 27—VOCATIONAL SCHOOL GRADUATES

## Vocational School for Boys

Andrew DelVecchio	Everett Herbert Horne
Rinaldo DiIorio	Stillman Henry Maguire
Charles Malcom Doty	George William Smith
David Arthur Hill	Stannard Burbank Sylvia

Table 28—Organization of School Board, 1925

## School Committee

HARRY M. STOODLEY	Chairman
JOHN J. HAYES	Vice-Chairman

## Members

## EX-OFFICIIS

JOHN M. WEBSTER, Mayor	76 Boston street
JOHN S. SMITH, JR., President Board of Aldermen,	52 Sydney street

## WARD ONE

JOHN J. HAYES,	10 Wisconsin avenue
FRANCIS J. FITZPATRICK,	2 Austin street

## WARD TWO

CHRISTOPHER J. MULDOON,	88 Concord avenue
DANIEL H. BRADLEY,	19 Concord avenue

## WARD THREE

CHARLES W. BOYER,	66 Avon street
OSCAR W. CODDING,	59 Vinal avenue

## WARD FOUR

WALTER E. WHITTAKER,	135 Walnut street
KATHERINE C. COVENEY,	73 Marshall street

## WARD FIVE

HARRY M. STOODLEY,	283 Highland avenue
MINNIE S. TURNER,	64 Hudson street

## WARD SIX

WALTER FRYE TURNER,	15 Highland road
WALTER I. CHAPMAN,	18-A Central street

## WARD SEVEN

EDWIN A. SHAW,	63 College avenue
HERBERT CHOLERTON,	94 College avenue

## Superintendent of Schools

CHARLES S. CLARK

Office: City Hall Annex, Highland avenue.

Residence: 75 Munroe street.

The Superintendent's office will be open on school days from 8 to 5; Saturdays, 8 to 10. His office hour is 4 o'clock on school days, and 8.30 on Saturdays.

## Superintendent's office force:

Mary A. Clark, 42 Highland avenue.  
 Mildred A. Merrill, 26 Cambria street.  
 Ruth O. Elliott, 4 Lincoln place.  
 Marion E. Marshall, 30 Gilman street.  
 Beatrice M. Hersom, 62 Highland avenue.  
 S. Regina Truelson, 38 Rogers avenue.  
 Bernice F. Parker, 11 Dickson street.

## Board Meetings

January 5	April 27	October 26
January 26	May 25	November 30
February 16	June 29	December 28
March 30	September 28	
	8.15 o'clock.	

## Standing Committees

Note.—The member first named is chairman.

District I. — Hayes, Fitzpatrick, Muldoon.

PRESCOTT, HANSCOM, BENNETT

District II. — Muldoon, Bradley, Fitzpatrick.

KNAPP, PERRY, BAXTER

District III. — Boyer, Coddington, Bradley.

POPE, CUMMINGS

District IV. — Whittaker, Coveney, Boyer.

EDGERLY, GLINES

District V. — Stoodley, Miss Turner, Whittaker.

FORSTER, BINGHAM

District VI. — Turner, Chapman, Stoodley.

CARR, MORSE, PROCTOR, DURELL, BURNS, BROWN

District VII. — Shaw, Cholerton, Turner.

HIGHLAND, CUTLER, LINCOLN, LOWE

High Schools — Shaw, Bradley, Hayes, Coddington, Whittaker, Stoodley, Chapman.

School Accommodations — Hayes, Boyer, Bradley, Coveney, Miss Turner, Turner, Cholerton, Mayor Webster, President Smith.

Teachers — Cholerton, Miss Turner, Fitzpatrick, Muldoon, Coddington, Whittaker, Chapman.

Finance — Coddington, Stoodley, Fitzpatrick, Bradley, Whittaker, Turner, Cholerton, Mayor Webster, President Smith.

Text Books and Courses of Study — Chapman, Muldoon, Hayes, Coddington, Coveney, Miss Turner, Shaw.

Industrial Education — Boyer, Turner, Hayes, Muldoon, Coveney, Miss Turner, Shaw.

Health, Physical Training and Athletics — Fitzpatrick, Whittaker, Bradley, Boyer, Stoodley, Chapman, Cholerton.

Rules and Regulations — Muldoon, Coveney, Fitzpatrick, Boyer, Stoodley, Turner, Shaw.

TABLE 29—TEACHERS IN SERVICE, JANUARY, 1925

Name and Residence			
HIGH SCHOOL			
	Central Hill	Salary	Began Service
John A. Avery, Head Master, 155 Summer Street		\$4100	1895
Everett W. Tuttle, Vice-Head Master, 62 Highland Avenue		2950	1895
Frank H. Wilkins, Master, 73 Foster Street, Arlington		2700	1906
John L. Hayward, Master, 242 School Street		2550	1913
Harry F. Sears, Master, 44 Orris Street, Melrose Hlds.		2700	1901
William W. O'bear, Master, 10 Greenville Street		2775	1906
George M. Hosmer, 31 Adams Street		2500	1901
Laurence A. Sprague, 17 Perkins Street, West Newton		2550	1906
Arthur N. Small, 11 Pembroke Street		2500	1916
Fred W. Carrier, 14 Lloyd Street, Winchester		2500	1915
Wallace S. Hall, 37 Perkins Street, West Newton		2100	1919
Irving P. Colman, Greenbush		2100	1915
Albert O. Plantinga, 12 Appleton Court, Melrose		2100	1918
George E. Pearson, 325 Highland Avenue		2550	1914
Forrest S. Miller, 8 Hudson Street		2100	1920
L. Thomas DeCelles, 46 Ware Street		1900	1919
Francis J. Mahoney, 16 Parker Street		2300	1919
Helen L. Follansbee, 17 Pleasant Avenue		2150	1900
Harriet E. Tuell, 17 Pleasant Avenue		1900	1899
Elizabeth Campbell, 39 Greenville Street		1900	1902
A. Laura Batt, 2 Madison Street		1900	1895
M. Helen Teele, 11 Jason Street, Arlington		1975	1895
Blanche S. Bradford, 163 Summer Street		1750	1903
Grace E. W. Sprague, 888 Mass. Avenue, Cambridge		1900	1908
Mrs. Lucy I. Topliff, 220 Walnut Street, Brookline		1750	1914
Ella D. Gray, 147 Walnut Street		1800	1901
Grace Gatchell, 67 Boston Street		1825	1906
A. Marguerite Browne, 10 Chauncey Street, Cambridge		1900	1908
Esther Parmenter, 16 Mystic Lake Drive, Arlington		1725	1911
Annie C. Woodward, 144 School Street		1800	1906
Alice A. Todd, 82 Munroe Street		1750	1913
Ella W. Bowker, 2 Hillside Avenue		1750	1911
Florence L. McAllister, 23 Wallace Street		1750	1913
Laura R. Cunningham, 62 Highland Avenue		1750	1914
Julia A. Haley, 88 Prospect Street		1700	1913
Mary C. Smith, 117 Prospect Street		1750	1916
Gladys L. Swallow, 15 Pleasant Avenue		1750	1916
Alfreda Veazie, 193 Linden Street, Everett		1750	1916
Mrs. Phebe E. Mathews, 159 Morrison Avenue		1825	1916
Mrs. Ruth L. Card, 75 Brook Street, Wellesley		1800	1913
Helen C. Ritchie, 15 Willoughby Street		1825	1912
Ella W. Burnham, 58 Walnut Street		1825	1919
Mrs. Cornelia D. Pratt, 112-A Glenwood Road		1800	1919
Bernice O. Newborg, 12 Hale Avenue, Medford		1725	1918
Louisa M. Saunders, 391 Broadway		1750	1919
Gertrude W. Chaffin, 10 Copeland Terrace, Malden		1750	1916
Elizabeth M. Welch, 3 Washington Avenue, Arlington Hgts.		1825	1919
Harriet M. Bell, 62 Highland Avenue		1750	1904
Dorothy E. Harvey, 19 Wisconsin Avenue		1750	1920
Margery Moore, 58 Walnut Street		1650	1920
Mrs. Edith M. Hudson, 67 Bristol Road		1750	1920
Harriet C. Whitaker, 75 Walnut Street		1750	1921
Ruth C. MacDuffie, 30 Wadsworth Street, Allston		1600	1921
Ruth E. Arrington, 37 Walnut Street		1650	1921
Margaret Cochran, 34 Hancock Street, Medford		1650	1921
Elizabeth I. Fury, 9 Cleveland Street		1650	1921
Sadie M. Lyle, 25 Lowden Avenue		1600	1921
Carmen Solano, 1135 Commonwealth Avenue, Allston		1700	1922
Phebe R. Boole, 21 Sacramento Street, Cambridge		1750	1922
Ruby F. Sutherland, 218 Highland Avenue		1675	1922
Helen B. Ryan, 35 Columbus Avenue		1750	1918
Sophia C. Mague, 1766 Washington Street, Auburndale		1825	1921



TABLE 29—Teachers in Service, January, 1925—Continued

Name and Residence	Salary	Began Service
Rena S. Hezelton, 17 Preston Road	1750	1909
M. Louise Hannon, 108 Thurston Street	1825	1923
Elizabeth Richards, 16 Ashland Street, Medford	1600	1923
E. Bella Weisman, 17-A Melvin Street	1500	1921
Irene E. Kenney, 51 Avon Street	1575	1923
Inez M. Atwater, 98 Electric Avenue	1450	1923
Gladys B. Hastings, 17 Pleasant Avenue	1500	1924
Estelle B. Crowe, 56 Sunset Road	1400	1920
Hazel L. Smith, 15 Victoria Street	1200	1922
Mrs. Helen G. Leitch, 66 Highland Avenue	1700	1924
Mabell M. Ham, Clerk, 41 Boston Street	1500	1906
Mildred M. Moses, Clerk, 7 Leslie Place	\$15 per week	1924
*Wesley A. Maynard, 40 Vinal Avenue	840	1918
Mrs. Minne T. Wyman, Matron, 146 Oakland Ave., Arl. Hgts.	1400	1923

\* Part time

## NORTHEASTERN JUNIOR HIGH SCHOOL

## Marshall Street

James S. Thistle, Master, 13 Conwell Avenue	\$3100	1924
Joseph S. Hawthorne, Vice-Principal, 233 School Street	2275	1915
Arthur J. Marchant, 60 Bartlett Street	2075	1914
Guy P. Carver, 16 Fairmount Avenue	1900	1923
Walter W. Newcombe, 49 Tennyson Street	1975	1917
John J. Malone, 71 Pennsylvania Avenue	1800	1924
Benjamin Q. Belonga, 316 Lincoln Avenue, Cliftondale	2075	1922
Mrs. Mina P. Bickford, 36 Emerson Street, Medford	1600	1903
Emma G. Blanchard, 146 Massachusetts Avenue, Boston	1700	1902
Mary I. Bradish, 63 Dudley Street, Medford	1600	1899
Marie Clifford, 1648 Massachusetts Avenue, Cambridge	1600	1907
Mrs. Clara B. Donlon, 73 Pleasant Street, Ayer	1600	1914
Lucy Dorr, 60 Oakley Road, Belmont	1600	1919
Grace M. Driscoll, 25 Arthur Street	1400	1920
Kathinka Fessman, 1126 Boylston Street, Boston	1750	1912
Mary C. Fox, 28 Linden Street	1600	1918
Florence R. Gallagher, 16 Otis Street, Medford	1750	1918
Helen L. Galvin, 1111 Boylston Street, Boston	1650	1903
Mrs. Amelia M. Gray, 96 Magoun Avenue, Medford	1600	1920
Pertie I. Gray, 16 Maple Avenue	1600	1917
Edyth M. Grimshaw, 121 West Concord Street, Boston	1600	1909
Mrs. Elsie M. Guthrie, 50 Bromfield Road	1675	1919
Mary A. Hickey, 21 Amaranth Avenue, Medford	1600	1918
Minnie A. Holden, 9 Sanborn Avenue	1600	1906
Mary L. Holway, 82 Benton Road	1300	1923
Amy S. Irish, 59 Bailey Road, Watertown	1500	1923
Helen C. Jackson, 645 Fellsway, Medford	1400	1923
Edith L. Laycock, 23 Melvin Street	1600	1913
Mrs. Elma H. Mattson, 30 Richardson Street, Brighton	1600	1918
Mary F. Mead, 22 Kidder Avenue	1700	1905
Elizabeth J. Mooney, 20 Pleasant Avenue	1600	1904
Mary O'Donoghue, 80 Porter Road, Cambridge	1675	1911
Mary E. O'Shaughnessy, 76 Derby Street	1300	1923
Alice M. Patterson, 184 Pearl Street	1650	1919
Katherine Quigley, 580 Adams Street, East Milton	1600	1921
*Katherine E. Reycroft, 32 Winthrop Street, Charlestown	1200	1924
Mrs. Annie M. Rockwell, 33 Stuart Street, Everett	1600	1919
Mrs. Constance H. Scherer, 25 Falmouth Street, Belmont	1600	1917
Mrs. Gladys M. Sheldon, 55 Liberty Street, Everett	1600	1919
Velma B. Strout, 36 Francesca Avenue	1750	1918
May B. Thompson, 645 Fellsway, Medford	1600	1918
Elizabeth M. Warren, 138 Sycamore Street	1675	1897
Florence M. Wheeler, 106 Bartlett Street	1600	1924
Olive E. Whittier, 42 Percy Road, Lexington	1600	1918
†Adela M. Balch, 223 Mountain Avenue, Arlington	1600	1921
Ruth Fowler, Clerk, 45 Franklin Street	\$15 per wk.	1924

\* Temporary Teacher

† Leave of absence



TABLE 29—Teachers in Service, January, 1925—Continued

Name and Residence			
SOUTHERN JUNIOR HIGH SCHOOL			
Vinal Avenue		Salary	Began Service
George M. Wadsworth, Master,	Whitman	\$3100	1891
Raymond E. Shepherd, Vice-Principal,	120 Central Street	2275	1919
Arthur E. Gordon,	116 School Street	2000	1918
Melvin T. Carver,	247 Winthrop Street, Winthrop	2000	1917
Herbert H. Shallies,	28 New Hampshire Avenue	1900	1923
Clara B. Sackett,	23 Robinson Street	1700	1891
Mrs. Blanche G. North,	25 Columbus Avenue	1600	1893
Mrs. Gertrude W. Leighton,	31 Vinal Avenue	1675	1895
Grace T. Merritt,	10 Charnwood Road	1600	1897
Lilla E. Mann,	39 Burnside Avenue	1600	1902
Mrs. Mary B. Soule,	6 Aldersey Street	1600	1902
Leila L. Rand,	186 Pleasant Street, Arlington	1675	1906
Nona E. Blackwell,	45 Ibbetson Street	1600	1906
Mrs. N. Theresa Hennessey,	65 Hawthorne Street, Lynn	1600	1909
Edith L. French,	52 Prescott Street	1600	1912
Emma J. Kennedy,	58 Walnut Street	1600	1912
Maude M. Cunningham,	58 Walnut Street	1600	1913
Carrie M. Frost,	102 Powder House Blvd.	1600	1920
Charlotte A. Holmes,	24 Cambria Street	1650	1899
Ada G. Macdonald,	43 Babcock Street, Brookline	1600	1914
Anna J. Coll,	65 Newton Street	1675	1916
F. Antoinette Pratt,	2 Champney Place, Boston	1600	1918
Olive M. Brownell,	64 Vinal Avenue	1600	1919
Ruth H. Conner,	13 Pleasant Avenue	1700	1921
*Edith V. Blood,	Medfield, Mass.	1600	1921
Mabel H. Eddy,	68 St. Stephen Street, Boston	1700	1922
Mrs. Beulah N. Foye,	65 Hudson Street	1400	1922
Eleanor D. Campbell,	169 Highland Avenue	1400	1922
Ida Paly,	82 Concord Avenue	1300	1922
Martha H. Hannon,	108 Thurston Street	1650	1923
Helen M. Currie,	146 Morrison Avenue	1200	1923
Evelyn E. Weston,	13 Pleasant Avenue	1600	1924
Charles W. Copp,	120 Central Street	1600	1924
Anne C. Donohue,	8 Prospect Street	1200	1924
Alice W. Jones,	92 Temple Street, West Roxbury	1600	1925
Lillian M. Fowler, Clerk,	87 Porter Street	\$15 per week	1924
* Leave of absence			

## WESTERN JUNIOR HIGH SCHOOL

Holland Street			
Arthur L. Doe, Master,	27 Spruce Street, Malden	\$3100	1896
Walter P. Sweet, Vice-Principal,	1061 Broadway	2275	1919
John J. McLaughlin,	31 Avon Street	2000	1916
Ralph E. Farnsworth,	19 Wolcott Street, Everett	2000	1918
Prescott E. Whitfield,	33 Walnut Street	1900	1921
Sarah E. Pray,	58 Liberty Avenue	1600	1877
Clara B. Parkhurst,	146 Highland Avenue	1600	1889
Edith F. Hersey,	266 Gray Street, Arlington	1675	1899
Annie G. Smith,	59 Maple Street, Malden	1600	1901
Mary L. Bryant,	41 Mason Street	1600	1903
Florence M. Hopkins,	288 Mass. Avenue, Arlington	1600	1907
Katherine A. Breen,	7 Cambria Street	1650	1912
L. Alice Grady,	19 Billings Avenue, Medford	1650	1912
Elizabeth R. Henderson,	152 Curtis Street	1600	1912
Marion F. Orne,	43 Fairmount Avenue	1700	1912
Mrs. Mae W. Conant,	62 Westminster Ave., Arlington Hts.	1600	1917
Marcella M. Garrick,	295 Lowell Street	1600	1917
Blanche Preston,	84 Packard Avenue	1600	1917
Miriam E. Priest,	6 Hudson Street	1600	1917
Mrs. Geneva C. Farnsworth,	19 Wolcott Street, Everett	1600	1917

TABLE 29—Teachers in Service, January, 1925—Continued

Name and Residence	Salary	Began Service
Helen A. Moran, 483 Medford Street	1500	1919
Emma M. Damon, 170 Central Street	1600	1908
Catherine E. Giles, 5 Bradbury Avenue, Wellington	1675	1918
Mrs. Augusta H. Bergin, 55 Fenwood Road, Boston	1600	1920
Ellen L. Bellamy, 51 Simpson Avenue	1600	1921
Ethel M. Park, 87 Irving Street	1675	1916
Mrs. Lillias T. Lawton, 136 Neponset Avenue, Dorchester	1650	1913
Mrs. Ruth A. Maxwell, 15 Munroe Street	1500	1922
Eleanor V. Nemser, 25 Walker Street	1200	1922
Elizabeth A. Stolba, 7 Exeter Street, Belmont	1650	1923
Veola DeLauzon, 12 Pembroke Street	1400	1923
Frances E. Biller, 353 Lowell Street	1200	1924
Dorothy Perkins, 34 Tower Street	1100	1924
Madeline E. Flynn, 57 Franklin Street	1000	1924
Carolyn E. Precious, 103 Orchard Street	1300	1924
Viola M. Jackson, 107 Hollis Street, Atlantic	1750	1924
Miriam Poole, 27 Owatonna Street, Auburndale	1500	1924
Marion Grout, Clerk, 4 Glover Circle	\$15 per week	1924

## VOCATIONAL SCHOOL FOR BOYS (DAY)

Davis Building, Tufts Street

Harry L. Jones, Principal, 137 Powder House Boulevard	\$3300	1896
Nehemiah E. Gillespie, 81 Worcester Street, Boston	2100	1911
Charles A. Kirkpatrick, 27 Sewall Street	2100	1913
H. Ralph Aubin, 6 Oxford Street	2100	1917
Roy R. King, 14 Landers Street	1900	1918
Philip J. Heffernan, 282 Boston Avenue, Medford	2000	1918
Benjamin C. Bowman, 18 Michigan Avenue	1850	1919
Charles A. Perry, 4 Bulfinch Street, Boston	2150	1922
Mrs. Ethel M. Smith, Clerk, 18 Salem St., Medford	\$21 per week	1921

## INDEPENDENT HOUSEHOLD ARTS SCHOOL

High School Building

Mary Henleigh Brown, Director, 162 Highland Avenue	\$2200	1911
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## CONTINUATION SCHOOL

Folsom Building, Sycamore Street and Evergreen Avenue

Everett W. Ireland, Principal, 138 Powder House Blvd.	\$2850	1920
H. Dunbar Davis, 99 Summer Street	1900	1923
Kells S. Boland, 110 Brainerd Road, Allston	1950	1920
Marion H. Hathaway, 162 Central Street	1400	1924

## (WILLIAM H.) PRESCOTT SCHOOL

Pearl and Myrtle Streets

Grade			
	Charles E. Brainard, Master, 12 Pleasant Avenue	\$3050	1889
6	Asst. Edith M. Snell, 4 Vine Street, Melrose	1650	1900
6	Annie L. Dimpsey, Hotel Woodbridge	1500	1891
6	Mary E. Richardson, 11 Austin Street	1500	1893
6	Isabelle M. Gray, 25 Webster Street	1500	1897
6	Doris F. Rudd, 46 Franklin Street	1000	1924
5	Alice M. Dugmore, 1002 Broadway	1300	1923
5	G. Hortense Pentecost, 157 Walnut Street	1500	1905
5	*Berta M. Burnett, 51 Fresh Pond Parkway, Camb.	1500	1915
5	Mrs. Myrtle I. Martin, 41 Putnam Street	1500	1916

TABLE 29—Teachers in Service, January, 1925—Continued

Grade	Name and Residence	Salary	Began Service
5	Gertrude T. Donahue, 28 *Calvin Street	1000	1924
5	Evelyn MacDonald, 50 Bromfield Road	1000	1924
4	Edith C. Polechio, 706 Moody Street, Waltham	1500	1922
4	Anna A. Burns, 118 Perkins Street	1100	1923
4	Mrs. Louise S. Weare, 65 Hancock Street, Boston	1500	1896
3	Elizabeth L. Marvin, 38 Dartmouth Street	1500	1898
3	Eleanor W. Nolan, 14 Farrington Avenue, Allston	1500	1909
2	Louise E. Pratt, 163 Summer Street	1500	1889
2	Mrs. Grace E. Allen, 107 Pennsylvania avenue	1500	1919
2	Alice W. Cunningham, 62 Highland Avenue	1500	1901
1	Jeannette M. Hannabell, 44 Benton Road	1500	1917
1	Mrs. Dorothea S. Daly, Lynnfield Centre	1400	1920

## SANFORD HANSCOM SCHOOL

## Webster and Rush Streets

	Florence A. Chaney, Master, 49 Boston Street	.....	1892
4	Mrs. Agness M. Travis, 27 Marianne Rd., Walth.	\$1650	1908
4	Maude A. Nichols, 88 Belmont Street	1500	1906
3	*Jennie M. Twiss, 67 Berkeley Street	1500	1903
3	Frances E. Robinson, 101 Willow Avenue	1500	1908
3	Mrs. Nellie W. McPheters, 71 Mountain St., No. Woburn	1500	1914
2	Martha L. Littlefield, 163 Summer Street	1500	1897
2	Florence M. Shaw, 157 Summer Street	1500	1909
1	*Marion A. Viets, 122 Dale Street, Waltham	1500	1912
1	Alice M. Saben, 391 Broadway	1500	1903
Kdgn.	Elizabeth J. Baker, 19 West Cedar St., Boston	1400	1907
Asst.	Mrs. Dorothy C. Huddy, Oakley Terrace, Belmont	1250	1921

\* Leave of absence

## CLARK BENNETT SCHOOL

## Poplar and Maple Streets

Grade	John Sherburne Emerson, Master, 3 Preston Rd.	\$3000	1894
5	Kate B. Gifford, Russell House, Lexington	1700	1902
5:4	Lois P. Wilbur, 62 Highland Avenue	1550	1923
4	Abbie M. Brown, 84 Perkins Street	1400	1923
3	Bessie W. Young, 47 Mystic Lake Drive, Arlington	1400	1923
3	Mrs. Katherine D. Millen, 22 Lovell Street	1500	1920
2	Marie L. Wiczorek, 65 Mt. Auburn St., Cambridge	1500	1922
2	Sarah L. Wolfe, 121 Morrison Avenue	1200	1922
1	Mrs. Cora B. Gowen, 1167 Boylston Street, Boston	1500	1906
1	Alice M. Hayes, 9 Pembroke Street	1500	1913
1	Elvira Badaracco, 1874 Beacon Street, Brookline	1200	1922
Kdgn.	Helen E. Harrington, 1654 Mass. Ave., Cambridge	1400	1912
Asst.	Mrs. Abigail R. Bailey, 278 Arborway, Jamaica Plain	900	1924

## GEORGE L. BAXTER SCHOOL

## Bolton Street

	Francis A. Ryan, Master, 22 Bowdoin St., Arlington	.....	1913
4	Mary G. Blackwell, 45 Ibbetson Street	\$1600	1900
3	Margaret M. Breen, 461 Somerville Avenue	1500	1916
2	Sue A. Fitzpatrick, 451-A Somerville Avenue	1500	1912
1	Maria D. MacLeod, 78 Larchwood Drive, Cambridge	1575	1906
Kdgn.	Eleanor A. Connor, 86 Belmont Street	1400	1903
Asst.	Margaret McCarthy, 34 Highland Avenue	1000	1922

TABLE 29—Teachers in Service, January, 1925—Continued

Name and Residence			
OREN S. KNAPP SCHOOL			
Concord Avenue			
		Salary	Began Service
	Francis A. Ryan, Master, 22 Bowdoin St., Arlington	\$3000	1913
6	Winifred I. Macdonald, 43 Babcock Street, Brookline	1650	1917
6	Ellen C. Moynihan, 12 Farrington Avenue, Allston	1500	1919
6	Etta R. Holden, 9 Sanborn Avenue	1500	1908
6	Eleanor M. Lundgren, 93 Lowden Avenue	1500	1919
5	Marguerite G. Stanton, 60 Ossipee Road	1500	1922
5	Alice A. Tassinari, 94 Beacon Street	1500	1919
4	Agnes C. Riley, 112 Central Street	1500	1918
3	Helen F. Gallagher, 15 Naples Road, Brookline	1100	1923
2	Mildred A. Dewire, 383 Washington Street	1100	1923
1	Gertrude I. McEachern, 14 Sanborn Avenue	1000	1923

## ALBION A. PERRY SCHOOL

Washington Street, near Dane Street

	Francis A. Ryan, Master, 22 Bowdoin St., Arlington	.....	1913
5	Catherine E. Sweeney, 48 Everett St., Arlington	\$1600	1901
5	Mary A. Mullin, Canton	1500	1910
4	Mary E. Keefe, 44 Benton Road	1500	1922
3	Grace R. O'Neil, 347 Washington Street	1500	1913
2	Mrs. Sarah E. Murphy, 55 Bristol Road	1500	1906
1	Helen M. Armstrong, 104 Summer Street	1000	1924

## CHARLES G. POPE SCHOOL

Washington and Boston Streets

	Florence A. Chaney, Master, 49 Boston Street	\$3000	1892
6	M. Abbie Tarbett, 11 Washington Street, Stoneham	1650	1906
6	Harriet M. Clark, 10 Vernon Street, West Medford	1575	1893
5	Margaret V. Lamb, 34 Crescent Street	1500	1922
5	Eva E. Perkins, 136 Colonial Road, Brighton	1500	1911
4	Annie G. Sheridan, 43 Highland Road	1500	1886
4	Lizzie W. Parkhurst, 146 Highland Avenue	1500	1885
3	Rosa J. Aberle, 49 Mystic Avenue	1160	1923
3	M. Katherine Davis, 243-A Highland Avenue	1500	1904
2	Florence E. Locke, 14 Katherine Road, Watertown	1500	1899
2	Eunice S. Higgins, 25 Berkeley Street	1300	1921
1	Josephine Lacy, 63 Cherry Street	1500	1921
1	Alice B. Frye, 101 Summer Street, Malden	1500	1904

## (JOHN A.) CUMMINGS SCHOOL

School Street, near Highland Avenue

	Samuel A. Johnson, Master, 5 Gardner Ter., Allston	.....	1893
4	Fannie L. Gwynne, 65 School Street	\$1600	1886
3	Katherine M. Fox, 152 Franklin St., Stoneham	1500	1896
2	Elizabeth L. Hersey, 96 Oxford Street	1500	1896
1	Mrs. Stella M. Hadley, 11 Greene Street	1500	1914

## (JOHN G.) EDGERLY SCHOOL

Cross and Bonair Streets

	Charles E. Brainard, Master, 12 Pleasant Avenue	.....	1889
1	Martha W. Power, 37 Gleason St., West Medford	\$1650	1890
3	Mary M. Dorney, 62 Webster Street, Medford	1000	1924
2	Alice M. McFarland, 90 Prospect Street	1100	1923



TABLE 29—Teachers in Service, January, 1925—Continued

Name and Residence			
(JACOB T.) GLINES SCHOOL			
Jacques Street, near Grant Street			
Grade		Salary	Began Service
	Charles E. Brainard, Master, 12 Pleasant Avenue	.....	1889
6	Margaret A. Orr, 146 Massachusetts Ave., Boston	\$1700	1890
6	Harriet F. Ward, Weymouth	1500	1895
5	Alice C. Blodgett, 34 Browning Road	1500	1917
5	Mrs. Monira Blodgett 84 Pearl Street	1500	1921
5:4	*Helen M. Northrup, 12 Raymond Avenue	1100	1924
4	Laura M. Flynn, 57 Franklin Street	1400	1920
4	Mrs. Carrie Armitage, 57 Madison Street	1500	1899
3	Florence E. Baxter, 42 Highland Avenue	1500	1891
3	Cora J. Demond, 146 Massachusetts Ave., Boston	1500	1900
2	Elizabeth C. Sullivan, 74 Ossipee Road	1400	1920
2	Mrs. Florence S. Fowler, 109 Highland Avenue	1500	1915
1	Isabel J. Tift, 109 Highland Avenue	1500	1892
1.			
Kdgn.	Ida M. Kane, 28 Fellsway West	1400	1905
Asst.	Marjorie Gustin, 3 Virginia Street	1200	1921
* Leave of absence			

## (CHARLES) FORSTER SCHOOL

Sycamore Street and Evergreen Avenue			
	Harry F. Hathaway, Master, 29 Albion Street	.....	1890
5	Annie S. Gage, 32 Marshall Street	\$1650	1881
6	Elizabeth F. Clement, 29 Kidder Avenue	1500	1884
4	Hazel C. Wellington, 71 Oxford Street	1000	1924
3	Carrie T. Lincoln, 65 Ashland Street, Medford	1500	1892
3:2	Ethel H. Werner, 20 Laurel Street, Arlington	1500	1919
2	Lillian G. Wells, 61 Bonair Street	1000	1924
1	Grace Shorey, 142 Sycamore Street	1500	1892
1			

## (NORMAN W.) BINGHAM SCHOOL

Lowell Street, near Vernon Street			
	Harry F. Hathaway, Master, 29 Albion Street	\$3000	1890
6	Elizabeth J. O'Neil, 82 Benton Road	1650	1894
6	Anna G. Molloy, 82 Benton Road	1500	1921
6:5	Margaret Callahan, 165 Lowell Street	1000	1924
5	Clara L. Griffiths, 39 Ames Street	1500	1902
5	Helen F. Wiseman, 43 Highland Ave., Cambridge	1500	1922
4	Anna R. Canfield, 205 Cedar Street	1500	1914
4	Alice A. Griffiths, 39 Ames Street	1500	1920
4, 3	Barbara E. Drummey, 43 Short Street, Marlboro	1500	1918
3	Lillian F. Commins, 6 Cypress Street, Cambridge	1500	1914
3	Lynda V. Merrill, 26 Brastow Avenue	1500	1912
2	Ruth A. Gilman, 63 Berkeley Street	1500	1923
2	M. Gertrude McCarthy, 36 Brastow Avenue	1500	1917
2, 1	Ethel F. Rudd, 46-A Franklin Street	1300	1921
1	Mabel E. Mansir, 77 Albion Street	1500	1894
1	Frances E. Fisher, 176 Williams Avenue, East Lynn	1500	1921
Kdgn.	Marguerite Driscoll, 396 Medford Street	1300	1921
Asst.	Mary B. White, 109 Highland Avenue	1200	1921



TABLE 29—Teachers in Service, January, 1925—Continued

		Name and Residence			
		MARTIN W. CARR SCHOOL			
		Atherton Street			
Grade			Salary	Began	Service
		Samuel A. Johnson, Master, 5 Gardner Ter., Allston	\$3100	1893	
6		Eva S. Bent, 10 Steeves Circle	1650	1915	
6		Grace McElhiney, 32 Minot Avenue, Brockton	1500	1925	
6		Dorothy L. Lundgren, 93 Lowden Avenue	1500	1915	
5		Mrs. Hazel F. Quinn, 21 Hamilton St., Wollaston	1500	1915	
5		Lillian E. Haskell, 41 Putnam Street	1500	1913	
5		Elizabeth S. Foster, 53 Laurel Street	1500	1895	
5		*Mrs. Blanche G. Crowell, 86 Partridge Avenue	1200	1924	
4		Alice M. Cumming, 117 School Street	1500	1917	
4		Helen Hession, 184 North Street	1000	1924	
3		Margaret M. Brennan, 30 School Street	1500	1917	
3		Bessie I. Berry, 38 Wyllis Avenue, Everett	1500	1915	
2		Annie B. Russell, 14 Kidder Avenue	1500	1901	
2		Mary E. Flanley, 9 Avon Street, Wakefield	1500	1915	
1		Frances E. Welch, 303 Highland Avenue	1500	1908	
1		Mabel R. Ingham, 62 Central Street	1500	1912	
† Temporary Teacher					

## (ENOCH R.) MORSE SCHOOL

		Summer and Craigie Street			
		Frank W. Seabury, Master, 18 Winslow Avenue	\$3100	1911	
6		Mrs. Harriette C. Hamilton, 36 Meacham Road	1650	1900	
6:5		Lennie W. Bartlett, 49 Laurel Street	1500	1893	
5		Blanche E. Thompson, 53 Laurel Street	1575	1906	
4		Mrs. Sarah K. Lake, 199 Prospect Street, Cambridge	1500	1921	
4:3		Eva A. Wilson, 153 Lowell Street	1500	1917	
3		Mrs. Agnes C. Rice, 34 Highland Avenue	1500	1900	
2		Edna M. Scriven, 108 Summer Street	1200	1922	
2		Lena Munroe, 211-A Summer Street	1500	1913	
1		Mrs. Helen T. Smith, 43 Paulina Street	1500	1912	
1		*Alena M. Shea, 6 Holton Street, Medford	1000	1925	
Kdgn.		Gertrude Prichard, 5 Webster Street	1400	1920	
Asst.		Esther D. Hamilton, 42 Francesca Avenue	900	1924	
* Temporary Teacher					

## GEORGE O. PROCTOR SCHOOL

		Hudson Street			
		Harry F. Hathaway, Master, 29 Albion Street	.....	1890	
6		Nora F. Byard, 27 College Avenue	1650	1884	
6		Alice G. Hosmer, 42 Boston Street	1500	1906	
5		Mrs. Nettie L. Fay, 15 Pleasant Avenue	1500	1901	
5:4		Eliza I. Patterson, 65 Hudson Street	1500	1919	
4		Ethel F. Morang, 18 Curtis Avenue	1500	1920	
3		Edith L. Hunnewell, 41 Mason Street	1500	1894	
2		Mary S. Richardson, 347 Boston Avenue, Medford	1500	1906	
1		Lucia Alger, 163 Summer Street	1500	1889	

## GEORGE W. DURELL SCHOOL

		Beacon and Kent Streets			
		Samuel A. Johnson, Master, 5 Gardner Ter., Allston	.....	1893	
4		Abigail P. Hazelton, 28 Whitfield Road	1600	1902	
3		Grace E. Packard, 14 Winslow Road, Belmont	1500	1912	
2		Mary Winslow, 124 Oxford Street, Cambridge	1500	1887	
1		Alice M. Dicker, 82 Marion Street, East Boston	1500	1912	

TABLE 29—Teachers in Service, January, 1925—Continued

Name and Residence			
MARK F. BURNS SCHOOL			
Cherry Street, near Highland Avenue			Began
		Salary	Service
	Frank W. Seabury, Master, 18 Winslow Avenue	.....	1911
4	Mrs. Margaret D. Quarrie, 21 Bay State Avenue	1650	1909
	Lizzie E. Hill, 121 St. Stephen Street, Boston	1500	1890
3	Annie L. Brown, 4 Saginaw Avenue, N. Cambridge	1500	1885
3	Margaret Beattie, 401 Washington Street	1500	1914
2	Mary E. Lacy, 63 Cherry Street	1500	1890
2	Ardelle Abbott, 71 Craigie Street	1500	1896
1	Alice E. Morang, 18 Curtis Avenue	1500	1893
1	Ruth E. Andrews, 21 College Avenue	1500	1917

## BENJAMIN G. BROWN SCHOOL

Willow Avenue and Josephine Avenue

	George I. Bowden, Master, 92 Monument St., W. Med	\$3050	1908
6	Mary T. Ford, 3 Goodwin Pl., Boston	1650	1911
5	Annie Sanburn, 11 East Newton St., Boston	1500	1906
5	Ruth Brown, 84 Perkins Street	1400	1924
4	Anna N. Johnson, 33 Everett Avenue	1500	1913
4	*Mildred S. Flint, 103 Orchard Street	1300	1925
3	Pauline Thiesfeldt, 159 Mystic St., Arlington	1500	1923
3	Alice M. Dorman, 159 Morrison Avenue	1500	1903
2	Mrs. Grace H. Bliss, 33 Whitfield Road	1500	1900
2:1	Valborg Prebensen, 43 Sacramento Street, Cambridge	1000	1924
1	Olivia H. Norcross, Wilmington	1500	1914

\* Temporary Teacher

## HIGHLAND SCHOOL

Highland Avenue and Grove Street

	Harlan P. Knight, Master, 22 Hamilton Road	.....	1897
6	Grace M. Clark, 10 Vernon Street, W. Medford	1650	1893
6	Margaret McLeod, 14 Ware Street	1500	1923
6	Eva M. Barrows, 1 Glover Circle	1500	1903
6:5	*Marion Allen, 74 Collins Street, Danvers	1500	1911
5	Catherine A. Burden, 50 College Avenue	1500	1902
5	Hazel M. Stone, 915 Broadway	1500	1919
5	Carrie E. Crockett, 889 Broadway	1500	1923

\* Leave of Absence

## S. NEWTON CUTLER SCHOOL

Powder House Boulevard, near Raymond Avenue

	Harlan P. Knight, Master, 22 Hamilton Road	\$3000	1897
6	Bernice J. Andrews, 10 Locke St., No. Cambridge	1650	1914
6	Mrs. Minnie R. Lougee, 631 High St., West Medford	1500	1922
6	Ella H. Bucknam, 36 Curtis Avenue	1500	1897
6	Mrs. Mabel T. Totman, 163 Summer Street	1500	1893
5	Alice Parlin, 79 Everett St., Arlington	1200	1923
5	Bessie J. Baker, 19 Mills Street, Malden	1500	1905
5	Alice A. Libbey, 20 Chandler Street	1500	1919
5	Eugenia Carver, 65 Hudson Street	1500	1922
4	Mrs. Elva A. Cutler, 36 Powder House Boulevard	1500	1911
4	Mrs. M. Eunice Byrne, 37 Sunset Road	1500	1912
4	Wilma S. Bryant, 11 Burnham Street	1400	1925
3	Hortense F. Small, 91 Electric Avenue	1500	1912
3	E. Mildred Milner, 66 Hall Avenue	1500	1920
3	Mrs. Nettie M. Humiston, 43 Fairmount Avenue	1500	1920
2	Almena J. Mansir, 77 Albion Street	1500	1899
2	Stella Bucknam, 35 Curtis Avenue	1400	1917
2	Gladys G. Stone, 41 Marshall Street	1000	1924
1	Annie H. Hall, 36 Curtis Avenue	1500	1906
1	Mary L. McKenna, 294 Lowell Street	1500	1915
1	Eleanor E. Waldron, 135 Powder House Boulevard	1400	1919
Kdgn.	Mrs. Dorothea G. Lamb, 90 Curtis Street	1400	1921
Asst.	Hilda Foley, 141 Bowdoin St., Dorchester	900	1923

TABLE 29—Teachers in Service, January, 1925—Continued

Name and Residence			
LINCOLN SCHOOL			
Grade	Broadway near Teele Square	Salary	Began Service
	Harlan P. Knight, Master, 22 Hamilton Road	.....	1897
3	Eliza H. Lunt, 248 Highland Avenue	1600	1889
4	Mrs. Lillian M. Wentworth, 248 Highland Avenue	1500	1911
2	Olevia M. Woods, 22 Chetwynd Road	1575	1908
1			
MARTHA PERRY LOWE SCHOOL			
Morrison Avenue near Grove Street			
	George I. Bowden, Master, 92 Monument St., W. Med.	.....	1908
4	May E. Small, 104 Orchard Street	1650	1900
4	Stella M. Holland, 34 Francesca Avenue	1500	1903
3	Maude C. Valentine, 1098 Broadway	1500	1901
3	Mrs. Jane M. Taafe, 159 Morrison Avenue	1500	1888
2	Katherine E. Hourahan, 94 College Avenue	1500	1892
2	Clara G. Hegan, 100 School Street	1500	1897
1	Octavia A. Stewart, 15 Kenwood Street	1500	1917
1	Selena G. Wilson, 11 Irving Street	1400	1922
EVENING SCHOOL PRINCIPALS			
	Everett W. Tuttle, High	\$7.00	
	Francis A. Ryan, Bell and Cliff	6.00	
CADETS			
	Lillian Andrews, 18 Walnut Road	\$600	1924
	Mona Burke, 278 Lowell Street	600	1924
	Eleanor B. Casey, 28 Bartlett Street	600	1924
	George K. Coyne, 59 Preston Road	600	1924
	Dorothea Crosby, 34 Rush Street	600	1924
	Pauline D. Dodge, 222 Highland Avenue	600	1924
	Ruth M. Drew, 42 Mt. Vernon Street	600	1924
	Mary L. Harrington, 1 Carver Street	600	1924
	Alice Frances Morgan, 71 Park Street	600	1924
	Gladys M. Wellington, 71 Oxford Street	600	1924
	Catherine Wiggins, 61 Webster Avenue	600	1924
	Helen Wilson, 66 Highland Road	600	1924
SUPERVISORS AND SPECIAL TEACHERS			
Music			
12, 7	James P. McVey, 14 Wendell Street, Cambridge	\$2500	1915
6, 1	Mrs. Charlotte D. Lawton, 121 St. Stephen St., Boston	1975	1898
Drawing			
6, 1	Clara M. Gale, 21 Willoughby Street	1975	1911
Sewing			
	Mary H. Brown, Supervisor, 162 Highland Avenue	*200	1913
6, 5	Mary L. Boyd, 18 Fenwick Street	1500	1888
6, 5	Mrs. Emma J. Ellis, 163 Summer Street	1500	1900
Penmanship			
9, 1	Ruth L. Whitehouse, 21 College Avenue	1700	1915

TABLE 29—Teachers in Service, January, 1925—Concluded

Name and Residence		Began	
Manual Training		Salary	Service
Harry L. Jones, Supervisor, 127 Powder House Blvd.		‡200	1911
Physical Instruction			
12, 1‡Ernest Hermann, The Warren, Wash. St., Newton	\$1550	1914	
12, 7 Arthur R. Ayer, 11 Fenwick Street	2500	1921	
12, 1 Margaret V. Burke, 1 Pearl Street	1200	1923	
12, 1 M. Helen Campbell, 22 Barton Street	1200	1923	
Atypical			
Mary A. Holt, 13 Pleasant Avenue	1550	1910	
Mrs. Bertha M. Morton, 62 Highland Avenue	1550	1913	
Julia M. Riordan, 165 Albion Street	1600	1914	
Mildred M. Harkins, 22 Traymore St., Cambridge	1200	1923	
Sight Saving			
Mrs. Amy F. Woodbury, 83 Pearson Road	1600	1917	

\* additional to salary as Director of Household Arts Courses

† Additional to salary as Principal of Boys' Vocational School

‡ Part time

TABLE 30—OFFICERS, ETC., IN SERVICE JANUARY 1925

Name and Residence		Salary	
SUPERINTENDENT AND SECRETARY			
Charles S. Clark, 75 Munroe Street		\$5000	
Clerks			
Mary A. Clark, 42 Highland Avenue		1500	
Mildred A. Merrill, 26 Cambria Street		1350	
Ruth O. Elliott, 4 Lincoln Place	\$23	per wk	
Marion E. Marshall, 30 Gilman Street	\$21	per wk	
Beatrice M. Hersom, 62 Highland Avenue	\$19	per wk	
Regina Truelson, 38 Rogers Avenue	\$15	per wk	
Attendance Officer			
Benjamin R. Jones, 25 Loring Street		2000	
Bernice F. Parker, Clerk, 11 Dickson Street	\$17.50	per wk	

TABLE 31—SCHOOL JANITORS, JANUARY, 1925

School	Name	Residence	Weekly Salary
High School, assistant	Jeremiah M. Brennan	44 Radcliffe Rd.	\$28.50
High School, assistant	John N. Quirk	202 Somerville Ave.	27.50
High School, assistant	Joseph McCormack	206 Washington St.	27.50
High School, assistant	Charles Hoyt	60 Vernon St.	32.50
High School, assistant	Thomas G. Pullen	6 Madison St.	27.50
Prescott	James J. Quirk	216-B Medford St.	30.00
Prescott	Thomas E. Dickinson	5 Berkeley St.	31.00
Hanscom	Frank C. Martis	79 Flint St.	29.00
Boys' Vocational	Charles B. Kelley	25 Clark St.	28.50
Bennett	Michael Mullaney	7 Greene St.	30.50
Baxter	Jeremiah Sullivan	60 Newton St.	26.50
Knapp	Maurice T. Mullins	13 Fremont Ave.	31.00
Perry	Dan'l E. Cunningham	15 Leland St.	26.50
Pope	John J. Kilty	671 Somerville Ave.	30.50
Southern Junior High	William Meskill	30 Warren Ave.	32.50
Southern Junior High	Nicholas J. Lacey	327 Washington St.	32.50
Cummings	Lewis G. Keene	92 School St.	24.50
Edgerly	Charles P. Horton	26 Everett Ave.	30.50
Glines	Roy C. Burckes	20 Jaques St.	30.50
Forster	George W. Coombs	196 Central St.	30.00
Continuation	Michael A. Mullin	16 Bowdoin St.	30.00
Bingham	John F. O'Brien	335 Lowell St.	33.50
Carr	John H. Lane	5-A Belmont St.	36.50
Morse	John W. Cremen	69 Oxford St.	31.00
Proctor	Vincent J. Burke	9 Homer Sq.	28.00
Durell	Ellsworth C. Lundgren	93 Lowden Ave.	24.50
Burns	Charles J. Elkins	14 Holyoke Road	28.00
Brown	James J. Cooper	105 Willow Ave.	29.00
Highland	Michael J. McKenna	215 Washington St.	28.00
Hodgkins	Patrick A. Delmore	11 Atherton St.	30.00
Western Junior High	James T. Eddy	34 Wallace St.	36.50
Western Junior High	George A. Givan	17 Henry Ave.	32.50
Cutler	Daniel T. Campbell	22 Barton St.	30.50
Cutler	Walter F. Burns	23 Avon St.	27.50
Lincoln	John T. Morey	1 Weston Ave.	24.50
Lowe	Frank H. Flagg	22 Clyde St.	28.00



## REPORT OF CHIEF ENGINEER OF FIRE DEPARTMENT

Somerville, Mass., January 21, 1925.

To the Honorable, the Mayor and the Board of Aldermen,

Gentlemen: In compliance with the City Ordinance, I have the honor of submitting, for your information, the annual report of the fire department for the year ending December 31, 1924.

### Alarms and Losses

Number of bell alarms . . . . .	326
Number of still alarms . . . . .	880
Total alarms . . . . .	1,206
Number in excess of 1923 . . . . .	139
Value of buildings at risk . . . . .	\$3,498,000 00
Insurance on buildings . . . . .	3,695,603 00
Damage to buildings . . . . .	128,702 97
Value of contents . . . . .	379,219 65
Insurance on contents . . . . .	288,340 00
Damage to contents . . . . .	94,285 19
Total value at risk . . . . .	3,877,219 65
Total damage . . . . .	222,988 16
Approximate per capita loss . . . . .	2 20

### Classification of Causes of Alarms

Dump . . . . .	217
Bonfires . . . . .	143
Out of town . . . . .	101
Grass . . . . .	80
Unnecessary . . . . .	76
Chimney . . . . .	65
Automobiles . . . . .	53
False . . . . .	42
Children playing with matches . . . . .	37
Rubbish in cellar . . . . .	37
Careless smoker . . . . .	34
Spark on shingle roof . . . . .	32
Set by boys . . . . .	26
Leaves and Christmas trees . . . . .	20
Hot ashes in wooden receptacles . . . . .	20
Miscellaneous . . . . .	223

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1,206

Bell alarms . . .	Engine 1.	213	Engine 2.	205	Engine 3.	180	Engine 4.	84	Hose 5.	85	Engine 6.	54	Hose 7.	123	Hose 8.	70	Ladder 1.	145	Ladder 2.	97	Ladder 3.	103	Total
Still alarms . . .		109	54	54	113	113	37	37	64	64	280	280	74	74	79	79	21	21	17	17	28	28	880
Miles traveled . . .		536	370.5	370.5	330	330	164	164	222	222	471	471	298	298	217	217	163	163	192	192	162	162	3,125½
Feet of hose used . . .		18,700	21,150	21,150	15,400	15,400	14,650	14,650	10,500	10,500	79,900	79,900	12,350	12,350	11,100	11,100							183,750
Chemical hose . . .		17,100			15,250	15,250	7,050	7,050	7,500	7,500	8,000	8,000	5,300	5,300	3,850	3,850							67,800
Feet of ladders . . .		90			60	60	40	40			440	440	20	20	120	120	2,095	2,095	2,495	2,495	1,975	1,975	7,335
Extinguishers . . .		28	8		60	60	12	12	4				13	13	11	11	2					9	147
Gal. of chemical . . .		2,200			2,688	2,688	1,116	1,116	3,000	3,000	1,916	1,916	2,120	2,120	695	695					627	627	14,362
Covering . . .							1				5	5										6	
Out of town . . .		6	8		17	17			6	6	43	43			20		1						101
Covers used . . .		2															7				2	2	11

### Manuel Force

The manual force consists of one hundred and nineteen (119) permanent men: during the year one has been retired and placed on the pension list and one has resigned; three men have been added from the eligible list of the Civil Service. The roster of the department is as follows,—

- 1 Chief Engineer,
- 1 Deputy Chief,
- 2 District Chiefs,
- 7 Captains,
- 1 Master Mechanic,
- 11 Lieutenants,
- \* 2 Enginemen,
- 94 Permanent men.

### Apparatus

- 1 Motor driven, 1,300 gallon "Metropolite" pumper and hose wagon,
- 1 Motor driven, 900 gallon pumper and hose wagon,
- 2 Motor driven, 750 gallon pumpers and hose wagons,
- 1 Tractor drawn, 800 gallon steam fire engine,
- 5 Motor driven, Combination hose and chemical wagons,
- 1 Motor driven, Combination ladder truck and chemical,
- 2 Motor driven, Tiller steering ladder trucks,
- 1 Automobile, Chief's car,
- 1 Automobile, Deputy Chief's car,
- 1 Automobile, District Chief's car,
- 1 Automobile, Master Mechanic's car,
- 1 Motor driven, Combination hose and chemical wagon, in reserve,
- 1 Motor driven, Ladder truck, in reserve.

### Hose

The amount of serviceable hose is 9,800 feet of two and one-half (2½) inch double jacket, rubber lined, water hose and 2,150 feet of three quarter inch chemical hose. There has been 1,000 feet of new two and one-half inch purchased and 750 feet condemned. Owing to the unusual number of alarms and the increased use of hose, much more will have to be retired in the coming year, so that at least 2,000 feet of new hose must be purchased in order that the necessary equipment be kept up:

## Brief Resume

The loss by fire during the month of February was more than one third of the year's total. The losses, by months, were as follows:—

January	\$25,533 80
February	81,886 19
March	13,198 15
April	13,662 29
May	3,128 00
June	7,141 61
July	14,208 85
August	10,916 73
September	14,522 10
October	4,691 17
November	16,476 88
December	17,622 39
	<hr/>
	\$222,988 16

*Bonfires Etc.* False alarms, bonfires and grass fires have called the department 291 times, these malicious calls can and should be reduced; the making a plaything of the apparatus of the department, for the amusement of potential criminals, should be followed up and stopped; the calls of the department are increasing materially each year, the legitimate wear and tear on men and material is very considerable without adding to it by unnecessary calls.

*Dump.* The Clarendon Hill dump has called the department 185 times during the year requiring the services of a company of men and the laying of a total of 79,000 feet of hose. The fire department should not be used for the extinguishment of dump fires excepting in a very few instances where there appears to be a possible danger to neighboring property. The absence of Engine Company 6 from its station, fighting dump smoke and fire, is a very serious menace to that community which may require its prompt and needed service at a moment's notice.

*Fire Prevention Bureau.* Owing to the many fires due to accumulations of rubbish, in cellars and about premises, it was deemed necessary to employ a system of inspection. On May 15th. such a bureau was established consisting of five members of the department, Lieutenant Horace W. Hutchins Jr. officer in charge, Charles J. Markey, Engine 2, Robert L. Powers, Engine 3, William J. Mahoney, Ladder 2, and Albert J. McMahon, Ladder 3. During the past seven months this bureau has made 1,936 original inspections and approximately 1,500 following inspections: There were 840 cases reported



for corrections covering every known violation of the Regulations of the Department of Public Safety governing the Metropolitan District of which Somerville is a part. Owing to the conscientious and thorough work of this fire prevention bureau the cellar fires have been reduced to a minimum, I desire to commend the bureau members for their faithful performance of this duty and for their voluntary use of much of their off-time thereby contributing largely to the success of this branch of the fire service.

#### Recommendations

As in previous years, I recommend the erection of a new fire station in the vicinity of Davis Square for the housing of Engine 4 and its tender together with Ladder 2 thereby bringing it nearer to that part of the city which it must cover. The present Engine 4 station was erected more than fifty years ago and is past serving the purpose for which it is needed besides occupying a very valuable corner on Highland Avenue which could be used for business purposes.

With the replacement of Ladder 2 with a new motor tiller operated truck and the reconditioning of Hose 5 combination wagon the equipment is fully motorized. I recommend the replacement of the tractor-drawn steam fire engine, at the Central Station, with a 1,000 gallon pumper; this steam fire engine is now being used only at multiple alarms, the running it to first alarms has proven to be expensive owing to the frequent breaking of tractor parts, furthermore, the expense of maintaining steam at all times, the employment of men with special licenses to operate and two drivers kept in quarters could be obviated and thereby release two men on each platoon for fire service.

#### In Conclusion

In concluding this report, I wish to express to His Honor the Mayor and to the Board of Aldermen my sincere appreciation and thanks for their cooperation and confidence.

I commend the officers and members of the department for their efforts and cooperation in the performance of their duties.

Respectfully submitted,

SEWALL M. RICH,

*Chief Engineer.*



## REPORT OF LICENSING COMMISSION

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January 23, 1925.

To the Honorable the Mayor, and Board of Aldermen of the  
City of Somerville:—

Gentlemen:

The Licensing Commission respectfully submits the following report for the year 1924. The commission has continued its duties in the consideration and granting of the so-called Lord's Day licenses for the sale of ice cream, confectionery, soda water and fruit, and has endeavored to use its best judgment in the granting of these licenses for the good of the city and the convenience of the general public. At present there are about two hundred places of business operating under the Lord's Day license which is approximately one to every five hundred of population.

The number of applications for licenses for one and two car garages has increased somewhat during the year. Early in the year the commission purchased an atlas of the city for its use in locating the abutters to locations from which applications have been received for garage licenses, and notifying them of the time and place of hearings on same,

The commission has received the hearty cooperation of the several city departments connected with its operations and the support and assistance of his honor the Mayor and members of the Board of Aldermen.

Licenses were granted and fees paid over to the City Treasurer, as follows:

431 Garage licenses @ \$2.	\$ 862 00
249 Lord's Day licenses @ \$5.	1,245 00
7 Lord's Day transfers @ 50c	3 50
Total	<hr/> \$2,110 50

Respectfully submitted,

EUGENE M. CARMAN,

WM. H. SMITH,

WM. J. SHANAHAN,

*Licensing Commission.*

Attest:

R. A. KEYES,

*Secretary.*

## REPORT OF THE SEALER OF WEIGHTS AND MEASURERS

Office of Sealer of Weights and Measures,

City Hall, Somerville, January 1, 1925.

To His Honor, the Mayor, and the Board of Aldermen:—

The following report of the sealer of weights and measurers for the year 1924 is respectfully submitted:—

### Work of Weights and Measures Department for 1924

	Adjusted	Sealed	Non-Sealed	Con-demned
Platform over 5000 capacity . . . . .	—	48	—	—
Platform under 5000 capacity . . . . .	7	344	4	2
Counter . . . . .	12	629	12	4
Spring . . . . .	14	574	8	41
Computing . . . . .	6	390	14	1
Slot Personal Weighing . . . . .	—	61	—	2
Prescription . . . . .	—	51	—	—
Beam . . . . .	—	38	1	—
Weights				
Avoirdupois . . . . .	45	3352	—	1
Apothecary . . . . .	—	588	—	103
Metric . . . . .	—	83	—	8
Capacity Measures				
Dray . . . . .	—	39	—	2
Liquid . . . . .	—	829	—	66
Gasoline Pumps . . . . .	7	148	—	—
Oil Pumps . . . . .	1	126	54	3
Molasses Pumps . . . . .	—	28	1	—
Yard Sticks . . . . .	—	163	—	7
Wood Baskets . . . . .	—	56	—	6
Cloth Measuring Devices . . . . .	—	1	—	—
Total . . . . .	92	7548	94	246





Weights, Measures and Scales Condemned

This photograph represents between five and six hundred articles of weight and measure which, during the past two years, have been taken from stores and pedlers and condemned because of their inaccuracy.

Fees collected and paid to City Treasurer, \$701.63.

Amount paid City Treasurer for Pedlers' Licenses, \$1,240.00.

## Total number of licenses issued, 312.

## Inspections other than sealing:

Number of scales and measures in stores . . . . .	160
Number of Pedlers' scales . . . . .	191
Number of Junk scales . . . . .	25
Number of Ice scales . . . . .	106
Number of Gasoline devices . . . . .	70

## Condemned for repairs or replacement on road:

Number of scales inspected and tagged . . . . .	58
Number repaired or replaced and sealed . . . . .	34
Number not reported ready for sealing . . . . .	24

## Condemned for repairs or replacement at office:

Number of scales inspected and tagged . . . . .	60
Number repaired or replaced and sealed . . . . .	35
Number not reported ready for sealing . . . . .	25

## Number of complaints attended to:

## Gasoline Station Tests:

Total number of calls . . . . .	138
Number of different stations . . . . .	78
Number of call backs to stations previously inspected . . . . .	60
Total number of gallons of gas drawn for tests . . . . .	6700
Average gallons of gas drawn per pump . . . . .	39 $\frac{1}{4}$
Total number of pumps inspected . . . . .	168
Number of pumps sealed . . . . .	152
Number of pumps closed . . . . .	16
Total number of oil pumps . . . . .	145
Number of oil pumps sealed . . . . .	94
Number of oil pumps non-sealed . . . . .	51

Considerable time is required in testing gasoline devices, whether the device is sealed or in finding out the inaccuracy of it.

## Summary of tests and inspections:

	Total Number	Correct	Under	Over
Loaves of Bread . . . . .	138	57	22	59
Packages of Butter . . . . .	68	55	8	5
Coal in paper bags . . . . .	77	40	15	22
Coke in paper bags . . . . .	7	7	—	—
Confectionery . . . . .	8	8	—	—
Dry Commodity . . . . .	576	347	204	25
Bags of Flour . . . . .	32	21	7	4
Fruits and Vegetables . . . . .	120	53	66	1
Grain and Feed . . . . .	4	—	4	—
Ice . . . . .	5	1	3	1
Meats and Provisions . . . . .	37	22	6	9
<b>Total . . . . .</b>	<b>1072</b>	<b>611</b>	<b>335</b>	<b>126</b>



## Other inspections:

Clinical Thermometers . . . . .	373
Marking of Bread . . . . .	54
Pedlers' Licenses . . . . .	23
Pedlers' Scales . . . . .	11
Ice Cream Cartons . . . . .	841
Cartons approved as measures . . . . .	681

Arrangements are being made for testing Taxicab Meters which is an important necessity and will be increasingly so. A course of a mile will be laid out and marked with brass plates set in the sidewalk at intervals of one-quarter, one-third, one-half, two-thirds, three-quarters and one mile. Results are figured on each company's rates per initial charge and rate per fractional part of a mile. Also tests by time on waiting periods.

A new set of Glass Graduates are being ordered to test those used in drug stores, which is also an important feature of this department.

It was found on reweighing packages, in stores put up ready for sale, a number of them were deficient in weight owing to having been put up for some time and due to shrinkage. In a few cases, weighing was left to boys. The matter was brought to the attention of the store managers who readily had it rectified.

A case of shortage in weight on bags of coal was traced to a fault in a small platform scale. The case was taken up with the dealer, who reweighed and made adjustment without further controversy.

Unfortunately the public in general do not realize that this department is ready and willing at all times to cooperate in regard to short weight or measure. The average housewife would rather stop trading in a store she thinks is cheating her than go as witness in a court case, therefore this department doesn't get in touch with as many cases as it should. If they would realize that it would be a means of checking this and a saving to those that have to make every penny count, perhaps we could get more cooperation.

It is the policy of this department to give the storekeeper the chance to remedy the various deficiencies before court action is taken as it has been found that a more cooperative feeling is established and the storekeepers are anxious to do what is right.

It is not to be inferred that this department, in following this policy, is too lenient, but due allowance is made as the case warrants.

B. S. ABBOTT,

*Sealer of Weights and Measures.*

## SOMERVILLE WATER WORKS

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### SOMERVILLE, MIDDLESEX CO, MASSACHUSETTS

Settled, when part of Charlestown, 1630  
(Home of Colonial Governor John Winthrop)  
Incorporated a town, 1842  
Established a city, 1872

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Location: Somerville City Hall (near centre of the city) is  $2\frac{3}{4}$  miles northerly from State House, in Boston.

Greatest extent of the City north and south about 4.2 miles.

Greatest extent of the City east and west about 2.1 miles.

Elevation Highland avenue at City Hall 105 feet above mean low water.

Lowest building elevation in the city 13 feet

Highest building elevation in the city 145 feet

Area of city, including land and water, about 4.22 square miles

Land, 2,461.50 acres; water and marsh, 238.50 acres

Population, 1920 census, 93,033

Present population, estimated, 100,000

Entire population on line of pipe and supplied with water

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Water works owned by City of Somerville

Construction commenced in 1868

Source of supply: Metropolitan system, taking water of the Nashua river at Clinton, Mass.

Range of pressure on street mains:

Low service 35 to 65 pounds

High service 45 to 100 pounds

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Mayor

HON. JOHN M. WEBSTER

---

Water Commissioner

FRANK E. MERRILL

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Office of the Water Department

Room 10, City Hall

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Department Buildings and Yard

Cedar street, near Broadway

ADMINISTRATION OF WATER WORKS  
VESTED AS FOLLOWS:

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1868-1871

SOMERVILLE MYSTIC WATER COMMITTEE (5)

Acts 1868; Chap. 202

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1872 — 1890

SOMERVILLE MYSTIC WATER BOARD (5)

Acts 1871; Chap. 182

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1891 — 1897

SOMERVILLE MYSTIC WATER BOARD (3)

Acts 1890; Chap. 218

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1898 — 1899

BOARD OF WATER COMMISSIONERS (3)

Acts 1898; Chap. 33

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1900 —

WATER COMMISSIONER (1)

Acts 1899; Chap. 240

## REPORT OF THE WATER COMMISSIONER

OFFICE OF THE WATER COMMISSIONER,  
January, 1925.

To His Honor, the Mayor, and the Board of Aldermen:—

I present herewith my report for the year ending December 31, 1924, this being the fiftieth annual report of the water department and my twenty-fourth as water commissioner:

## Revenue and Expenditures

Water bills have been issued as follows:—

"Annual" water charges, amounting to . . . . .	\$19,917 25
"Additional" water charges, amounting to . . . . .	1,255 89
"Metered" water charges, amounting to . . . . .	265,081 12
	<hr/>
	\$286,254 26
Abatements and refunds . . . . .	3,128 74
	<hr/>
Income from sale of water . . . . .	\$283,125 52
Receipts; water service assessments . . . . .	\$8,559 72
Receipts; labor and materials sold:—	
Misc. accounts charged . . . . .	\$11,412 35
Abatements . . . . .	724 41
	<hr/>
	10,687 94
	<hr/>
	19,247 66
	<hr/>
Total income of water works . . . . .	\$302,373 18

This amount was used as follows:—

For water works purposes:—

## Under Control of the Water Commissioner

Water Works Maintenance . . . . .	\$69,720 13
Water Works Extension . . . . .	34,114 72
Miscellaneous accounts:	
Maintenance . . . . .	\$10,687 94
Extension . . . . .	894 62
	<hr/>
	11,582 56
	<hr/>
	\$115,417 41

## Not Under Control of Water Commissioner

Metropolitan water works assessment . . . . .	\$142,275 86
Maintenance water works buildings . . . . .	2,983 36
	<hr/>
	\$145,259 22

For other municipal purposes:—

## Not Under Control of the Water Commissioner

Surplus . . . . .	\$41,696 55
	<hr/>
Total . . . . .	\$302,373 18



In addition to the appropriations from water income to other municipal purposes enumerated above, water has been furnished without charge to all the city departments that have required its use and it is paid for out of the income from sale of water.

### Department Receipts and Disbursements

#### WATER MAINTENANCE ACCOUNT

Appropriations made by Board of Aldermen		\$84,200 00
Department accounts; receipts . . . . .		1,344 28
Water works extension account; receipts . . . . .		26,216 07
Refund . . . . .		2 46
Amount expended for labor and materials for operation, maintenance, and renewal of the water works . . . . .	\$69,720 13	
Amount expended for materials used in extension of the water works . . . . .	26,216 07	
Miscellaneous accounts . . . . .	10,687 94	
Labor and materials furnished municipal departments . . . . .	1,344 28	
Expenditure refund . . . . .	2 46	
Extension Account; amount refunded . . . . .	894 62	
Balance . . . . .	2,897 31	
	<hr/>	
	\$111,762 81	\$111,762 81

#### WATER WORKS EXTENSION ACCOUNT

Appropriations made by Board of Aldermen . . . . .		\$35,000 00
Water Maintenance account: refunds . . . . .		894 62
Amounts paid Water Maintenance Account . . . . .	894 62	
Amount expended for labor and materials used in extension of the water works . . . . .	\$34,114 72	
Balance . . . . .	885 28	
	<hr/>	
	\$35,894 62	\$35,894 62

#### Cost of Water Works

The total cost of water works on December 31, 1923, as represented by the expenditures from appropriations for water works extension was . . . . .	\$1,153,527 01
Expended during the year 1924, on extension account . . . . .	\$ 34,114 72
	<hr/>
Total expenditures, December 31, 1924 . . . . .	\$1,187,641 73

## Water Works Income from 1898 and its Distribution

The water income and its distribution from 1898 to 1924, inclusive, is shown in the following table:—

Total water income . . . . .	\$6,562,499 25
Distribution:—	

## Water Works Account

Water works Construction, Renewal, Maintenance, Operation and Miscel- laneous Accounts . . . . .	\$1,764,549 82	
Water bonds . . . . .	274,000 00	
Interest . . . . .	86,575 00	
Metropolitan Water Assessments . . . . .	2,687,437 59	
Maintenance Water Works buildings . . . . .	14,755 72	
	<hr/>	\$4,827,318 13

## Other Municipal Accounts

Various municipal departments through specific appropriations and general revenue account . . . . .	\$1,735,181 12
	<hr/>
	\$6,562,499 25

## Water Distribution System—Construction

## STREET MAINS

Approximate number of feet of street mains in the city, January 1, 1924. (including hydrant branches and blow-offs) . . . . .	551,223.
Feet of street mains laid in 1924 . . . . .	3,969
Feet of hydrant branches laid in 1924 . . . . .	111
Feet of blow-off branches laid in 1924 . . . . .	2
Feet of inter-city connection laid in 1924 . . . . .	43
	<hr/>
Total feet of pipe laid . . . . .	4,125
Feet of pipe removed or replaced . . . . .	52
	<hr/>
Net increase in feet of pipe . . . . .	4,073
Total approximate feet of pipe in the city . . . . .	555,296
Total pipe mileage, approximately . . . . .	105.1

The sizes and lengths of pipe laid out and discontinued are as follows:

Size	Feet Laid	Feet Discontinued	Size	Feet Laid	Feet Discontinued
3/4"	0	0	6"	197	32
1"	0	0	8"	1,124	0
2"	165	20	10"	465	0
4"	0	0	12"	2,174	0

The pipes constructed and replaced during the year are as follows:—

Constructed	Size	Feet Laid	Feet Discon- tinued	Size Discon- tinued
Boston Ave. . . . .	10"	465		
Boston Ave. (Western end) .	12"	463		
Broadway . . . . .	2"	122		
Hillsdale Road . . . . .	8"	174		
Irvington Road . . . . .	8"	653		
Laurel Terrace . . . . .	6"	94		
Mystic Valley Parkway . . .	12"	989		
Talbot Ave. . . . .	12"	688		
Upland Road . . . . .	8"	278		
Yorktown St. . . . .	2"	23		
Inter-City Connection . . .	{ 12"	34		
	{ 8"	9		

#### Replaced:

Washington Ave. . . . .	2"	20	20	2"
Hydrant Branches: . . . . .	6"	103	32	6"
and Blow-offs . . . . .	8"	10		
		<hr/> 4,125	<hr/> 52	

#### Hydrants, Gates, etc.

Number of fire hydrants in city January 1, 1924 . . . . .	1,201	
Number set during year . . . . .	35	
Number removed during the year . . . . .	23	
	<hr/>	
Net increase in number of hydrants . . . . .	12	
	<hr/>	
Total number of public fire hydrants . . . . .		1,213
Number of private fire hydrants, January 1, 1924 . . . . .	66	
Number added . . . . .	0	
Total number of private fire hydrants receiving their supply from the city mains . . . . .	66	

Number of gates in city, January 1, 1924 . . . . .		2,016
Number set during the year for streets . . . . .	13	
Number of section gates set . . . . .	8	
Number set on hydrant branches . . . . .	34	
Number set on blow-off branches . . . . .	1	
Number set on car-sprinkler connections . . . . .	0	
	<hr/>	56
Number of street gates removed . . . . .	5	
Number of section gates removed . . . . .	2	
Number of waterpost gates removed . . . . .	1	
Number of blow-off gates removed . . . . .	0	
Number of hydrant branch gates removed . . . . .	4	
	<hr/>	12
Net increase in number of gates . . . . .		44
Total number of gates in city . . . . .		2,060
<hr/>		
Number of check-valves in city . . . . .		8
Number of blow-offs in city January 1, 1924 . . . . .	190	
Number added during the year . . . . .	0	0
Number discontinued . . . . .	0	0
	<hr/>	<hr/>
Total number of blow-offs . . . . .		190
<hr/>		
Number of waterposts in city January 1, 1924 . . . . .	66	
Number removed during the year . . . . .	1	
Total number of waterposts . . . . .		65
<hr/>		
Number of drinking fountains in city . . . . .		8
Number of car-sprinkler connection in city . . . . .		17

## Water Services

Number of services in city January 1, 1924 (approximately) . . . . .	14,045	
Number laid during the year . . . . .	159	
Number permanently discontinued . . . . .	15	
	<hr/>	
Net increase in services . . . . .	144	
Total number of water services in city . . . . .		14,189
Amount received for services laid in 1924 . . . . .		\$8,559.72
Number feet service pipe in city January 1, 1924 (city and private) approximately . . . . .		485,240
Number of feet laid during the year . . . . .	5,333	
Number of feet discontinued . . . . .	573	
	<hr/>	
Increase in feet of service pipe . . . . .		4,760
<hr/>		
Total feet service pipe (city and private) (approximately) . . . . .		490,000
Total service mileage (approximately) . . . . .		92.8

Size, number and length of services installed in 1924:—

1-5/8"-12'	141-3/4"-4754'	9-1"-347'	1-1 1/2"-48'
4-2"-92'	1-4"-38'	2-6"-42'	

Number of fire services installed during 1924  
(Included in above) . . . . .

2

Location of Fire Services	No.	Size
Somerville Ave., No. 517; Wm. E. Cotter Spring Hill Garage . . . . .	1	6"
South St., No. 33; Art Craft Box Co. Factory Building . . . . .	1	6"

#### Water Meters

Number of water meters in city, January 1, 1924 . . . . .		12,079
Number installed during the year, new . . . . .	974	
Number reset . . . . .	118	
	<hr/>	
	1,092	
Number removed on account of permanent or temporary discontinuance of water and for substitution of other meters . . . . .	159	
Net increase in number of operating meters . . . . .		933
		<hr/>
Total number of meters in service . . . . .		13,012
Number of motor registers (included in above) . . . . .		3
Per cent. of all services metered . . . . .		91.6

#### Operating Meters December 31, 1924

Size	5/8"	3/4"	1"	1 1/2"	2"	3"	4"	6"	Total
No.	12556	285	105	17	25	12	8	1	13,009
Motor and elevator registers . . . . .									3
									<hr/>
									13,012

The meters installed in 1924 were classed as follows:—

Applications of property owners . . . . .	18
New services . . . . .	163
General installation . . . . .	793
Reset . . . . .	118
	<hr/>
Total . . . . .	1,092

Meters were removed for the following causes:—

Vacancies and temporary non-use of water . . . . .	92
Services permanently discontinued . . . . .	6
Replaced by other meters . . . . .	61
	<hr/>
Total . . . . .	159



Meters installed yearly on old and new services under the State Compulsory Meterage law, which requires complete meterage of city by the year 1928:—

	Average installation required on old services	Meters set on old services	Set in excess of requirements	Total excess	Meters set on new services
1908 .....	411	755	344	344	147
1909 .....	411	637	226	570	201
1910 .....	411	501	90	660	169
1911 .....	411	528	117	777	200
1912 .....	411	423	12	789	236
1913 .....	411	432	21	810	255
1914 .....	411	422	11	821	231
1915 .....	411	439	28	849	217
1916 .....	411	434	23	872	203
1917 .....	411	163	248†	624	154
1918 .....	411	82	329†	295	39
1919 .....	411	166	245†	50	23
1920 .....	411	115	296†	246†	45
1921 .....	411	663	252	6	60
1922 .....	411	67	344†	338†	181
1923 .....	411	430	19	319†	244
1924 .....	411	811	400	81	163

† Deficiency.

The following table shows the progress of meter installation of Somerville by years and the results therefrom in water consumption:—

Year	Popu- lation	Number of Services	Number of Meters	Per Cent Metered	Per Capita Con- sump- tion
1897 .....	58,000	9,601	.....	.....	(Est.) 88
1898 .....	59,000	9,806	143	1.5	" 88
1899 .....	61,000	10,052	226	2.25	" 88
1900 .....	62,000	10,291	202	2	" 88
1901 .....	64,000	10,520	224	2	" 88
1902 .....	66,000	10,710	269	2.5	" 88
1903 .....	68,000	10,854	647	6	" 88
1904 .....	69,000	11,059	1,272	11.5	Met. 89
1905 .....	70,000	11,279	2,092	18.5	" 89
1906 .....	71,000	11,489	2,829	24.5	" 89
1907 .....	72,000	11,662	3,455	29.5	" 90
1908 .....	74,000	11,817	4,333	36.5	" 89
1909 .....	76,000	12,018	5,155	43	" 84
1910 .....	78,000	12,149	5,817	48	" 80
1911 .....	79,000	12,357	6,533	53	" 74
1912 .....	80,000	12,596	7,171	57	" 79
1913 .....	82,000	12,827	7,856	61	" 72
1914 .....	85,000	13,034	8,499	65	" 73
1915 .....	87,000	13,233	9,155	69	" 67
1916 .....	90,000	13,420	9,763	72.75	" 69
1917 .....	91,000	13,509	10,028	74.23	" 73
1918 .....	91,000	13,514	10,116	74.86	" 80
1919 .....	92,000	13,544	10,322	76.21	" 69
1920 .....	93,033	13,554	10,472	77.26	" 77
1921 .....	95,000	13,631	11,190	82.11	" 73
1922 .....	96,000	13,844	11,447	82.68	" 76
1923 .....	98,000	14,045	12,079	86.0	" 81
1924 .....	100,000	14,189	13,012	90.6	" 77

## Summary of Pipes and Fixtures of the Water System

December 31, 1924

Fee of main pipe (approximately) . . . . .	555,296
Feet of service pipe (approximately) . . . . .	490,000
Service connections (approximately) . . . . .	14,189
Public fire hydrants . . . . .	1,213
Private fire hydrants . . . . .	66
Gates . . . . .	2,060
Check Valves . . . . .	8
Meters . . . . .	13,012
Motor registers . . . . .	3
Waterposts . . . . .	65
Car-sprinkler connections . . . . .	17
Blow-offs . . . . .	190
Drinking fountains and troughs . . . . .	8

## WATER ASSESSMENTS AND CONSUMPTION.

The annual assessments paid by this city as its proportionate part of the cost and operation of the Metropolitan water works are given below:—

Year	Sinking Fund	Maintenance	Interest	Maturing Bonds	Total
1898.....	No division	made			\$14,250 19
1899.....	" "	"			20,975 58
1900.....	" "	"			28,689 24
1901.....	\$12,491 73	\$12,033 79	\$32,291 24		56,816 76
1902.....	19,014 85	12,955 64	30,427 40		62,397 89
1903.....	15,748 56	12,763 10	48,776 77		77,288 43
1904.....	16,404 42	15,393 87	54,938 64		86,736 93
1905.....	21,358 11	13,666 71	55,535 91		90,560 73
1906.....	22,345 50	17,412 51	57,402 07		97,160 08
1907.....	25,365 30	18,880 01	62,089 30		106,334 61
1908.....	24,865 73	15,221 12	68,604 23		108,691 08
1909.....	24,812 23	21,220 56	66,540 41		112,573 20
1910.....	25,018 52	18,212 28	66,825 45		110,056 25
1911.....	25,424 55	19,573 82	69,849 26	\$246 66	115,094 29
1912.....	24,469 82	16,111 70	68,205 16	445 46	109,232 14
1913.....	24,930 94	20,691 19	70,206 83	491 92	116,320 88
1914.....	14,190 98	22,488 71	73,138 81	180 63	109,999 13
1915.....	14,164 65	21,376 07	74,111 12	1,129 50	110,781 34
1916.....	13,249 71	21,643 98	74,058 98	1,515 62	110,468 29
1917.....	13,364 71	28,110 19	75,117 17	1,833 60	118,425 67
1918.....	14,193 89	29,185 04	79,975 44	2,004 18	125,358 55
1919.....	13,765 81	33,723 64	78,335 58	2,257 87	128,082 90
1920.....	12,559 45	37,814 68	74,903 80	2,227 81	127,505 74
1921.....	11,956 69	43,942 28	75,848 98	2,241 89	133,989 84
1922.....	11,119 49	37,015 40	77,490 17	2,582 78	128,207 84
1923.....	10,716 17	42,846 98	82,407 74	3,193 26	139,164 15
1924.....	10,620 44	42,583 87	85,035 59	4,035 96	142,275 86

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 \$2,687,437 59

There has been credited to the city by the commonwealth as its proportion of the amounts received from entrance fees, water supplied outside the district, and water furnished to water companies the sum of \$9,056.10.

The daily consumption of water in Somerville, as recorded by the Venturi meters, operated by the Metropolitan water works, is shown below by months for the year 1924:—

Month	Gallons per day	Gallons per capita	Month	Gallons per day	Gallons per capita
January .....	7,985,600	80	July .....	8,083,800	80
February .....	8,018,200	80	August .....	7,775,200	77
March .....	7,487,300	75	September ....	7,759,300	77
April .....	7,718,300	77	October .....	7,632,500	76
May .....	7,441,000	74	November ....	7,582,200	75
June .....	7,902,300	79	December ....	7,749,200	77

The consumption for the year was:—

Low-service .....	2,181,297,000	gallons
High-service system .....	658,889,000	gallons
Total consumption .....	2,840,186,000	gallons
Average daily consumption .....	7,760,100	gallons
Average daily consumption, per capita, for Somerville .....		77 gallons
Average daily consumption per capita, for Metropolitan district .....		95 gallons

The following table shows the daily per capita consumption of water in the cities and towns in the Metropolitan Water District for the year 1924 as registered by the Metropolitan meters:

City or town	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Year
Arlington .....	53	53	52	52	59	62	79	63	59	62	58	59	59
Belmont .....	56	57	58	59	61	70	89	70	63	64	63	62	64
Boston .....	122	118	113	107	105	106	110	109	112	110	108	115	111
Chelsea .....	82	81	77	75	71	73	77	77	76	74	75	79	76
Everett .....	104	103	98	94	90	96	103	107	107	106	101	115	102
Lexington .....	50	49	51	55	58	71	94	75	65	69	68	64	64
Malden .....	49	49	49	51	49	50	62	57	59	57	54	58	54
Medford .....	54	54	54	51	52	55	57	52	53	53	51	52	52
Melrose .....	64	63	61	58	61	69	75	67	66	66	65	57	64
Milton .....	42	44	44	45	44	47	51	45	46	50	52	55	47
Nahant .....	60	55	62	77	103	194	261	278	182	107	76	57	126
Quincy .....	78	77	76	76	79	87	94	93	89	85	74	75	82
Revere .....	68	68	65	67	71	75	89	89	81	75	70	71	74
Somerville .....	80	80	75	77	74	79	80	77	77	76	75	77	77
Stoneham .....	68	70	70	72	73	77	82	80	80	77	66	63	72
Swampscott ..	67	69	62	64	77	104	137	121	102	83	93	65	87
Watertown ....	65	60	59	57	57	63	72	64	66	67	64	68	62
Winthrop .....	47	48	49	48	49	59	74	71	60	54	50	49	55
Met. Dist. ....	101	99	95	91	90	93	98	96	97	95	93	98	95

The district, in order of per capita consumption, beginning with the lowest, stands as follows for the year 1924:

	Total Per Day	Per Capita Per Day	Services Metered
Milton . . . . .	537,000	47	100
Medford . . . . .	2,441,400	53	100
Malden . . . . .	2,859,900	54	99
Winthrop . . . . .	969,000	55	100
Arlington . . . . .	1,395,000	59	100
Watertown . . . . .	1,657,100	63	100
Belmont . . . . .	887,200	64	100
Lexington . . . . .	448,000	64	99
Melrose . . . . .	1,247,400	64	100
Stoneham . . . . .	600,900	73	100
Revere . . . . .	2,293,300	74	100
Chelsea . . . . .	3,551,700	76	100
Somerville . . . . .	7,760,100	77	92
Quincy . . . . .	4,352,400	82	91
Swampscott . . . . .	731,100	87	100
Everett . . . . .	4,491,500	102	80
Boston . . . . .	87,680,900	111	70
Nahant . . . . .	195,800	126	76
Total District . . . . .	124,099,700	95	

#### Operation — Maintenance — Construction

Operation and maintenance of the department has been mostly of a routine nature. A systematic inspection and recording of all fire hydrants was made and many of the street gates were packed and oiled. Our transportation equipment has been still further strengthened and for the first time may be said to be in fairly satisfactory condition, although experience is demonstrating that our lighter type of trucks is not dependable for service in cold weather or in deep snow. An acquisition of special benefit to the department is a steam truck, of use at all times as a carrier and of especial value in the winter season for thawing hydrants and other water-works fixtures that may become frozen. The body and cab of this outfit were built in our department shop by our own men who also rigged up the thawing device and converted the second-hand touring car into a serviceable and up-to-date truck.

A large shed has been erected in our pipe yard by the building department for the storage of special castings, valves and small parts needed in our work, and has demonstrated its usefulness.

An event of much importance in our clerical department was the return to our General Office in September after an enforced absence of six months during the remodeling of City Hall. While this work was going on the department was temporarily quartered on the top floor of the reconstructed portion of the building.



The new quarters, while in substantially the same location as the old office are more spacious, lighter and better adapted to carrying on the department work and all the clerks and the water commissioner are greatly pleased with the changes.

The outstanding construction work of the year has been the installation of over 3,000 feet of street mains in the western part of the city to provide water supply to new houses in that section; the installation of nearly 700 feet of 12" pipe in Talbot avenue to provide an additional feeder to the high-service system of the city, and the installation of nearly 1,000 new water meters.

An inter-city connection between the low-service system of Somerville and that of the city of Medford was made in Boston avenue at Mystic Valley Parkway, that may be used by either city in emergencies.

The number of new service connections made was 80 less than that of the previous year. The nature of premises supplied by these services is shown in the following table:

Apartment Houses . . . . .	2
Battery Stations . . . . .	2
Churches . . . . .	2
Court House . . . . .	1
Dwelling House . . . . .	121
Dwelling & Store . . . . .	1
Factories . . . . .	3
Factory: Fire pipe . . . . .	1
Garages: Private . . . . .	10
Garage: Public . . . . .	1
Garage: Fire pipe . . . . .	1
Laundries . . . . .	2
Lunch Room . . . . .	1
Office Buildings . . . . .	2
School . . . . .	1
Stores . . . . .	5
Tenements & Stores (Blocks) . . . . .	2
Voting House . . . . .	1
	<hr/>
	159

#### Water Consumption

The water consumption in our city dropped to a daily average per capita of 77 gallons from an average of 81 gallons in the previous year. The city is now so nearly metered that the changes in the per capita consumption indicate with a fair degree of accuracy the variation in the income to the city from the sale of water.



The records show that this drop of four gallons a day in the per capita water consumption was accompanied by a falling off for the year of about \$7,000 in the income from the sale of water.

This drop in water consumption and income has a sort of reflex action on the State's Metropolitan Water Assessment so that what is lost in water income through decreased consumption may be offset in the charge for water levied by the commonwealth.

#### Financial

The department books closed with unexpended balances on the original appropriations in both Water Maintenance and Water Works Extension accounts and all bills contracted during the year have been paid. There being no bonded debt there was, therefore, no water-works indebtedness of any kind at the end of the year.

#### Water Rate Lien Law

Chapter 391 of the Acts of 1923, Mass. Legislature, entitled "An Act Relative to Collection of Water Rates" was accepted by the Board of Aldermen and approved by the Mayor in March last.

This Act provides that unpaid water bills may under certain conditions become a lien on real estate and that the property may be sold by the city to satisfy its claim. It does not, however, deprive the city of the power of the shut-off wrench to enforce payments from delinquents.

#### Pensioners

Two of our department pensioners have passed to the great beyond during the year and tribute is here paid to the names and memory of these men:

Thomas Fitzpatrick,  
John Brady,

who during their long period of employment served the city efficiently and faithfully and held the esteem and respect of all thir associates.

There are now seven former employees of this department on the payroll of pensioners.

#### Conclusion

The tables which follow are of value for reference and are made a part of this report.

Respectfully submitted,

FRANK E. MERRILL,

*Water Commissioner.*

## Street Mains, Gates, Hydrants, Etc., Laid, Set & Removed In 1924

STREET.	DESCRIPTION	PIPE.			GATES.			HYDRANTS.			BLOW-OFFS.			WATER POSTS.		
		Laid.		Removed	Set.	Kind	Size.	Removed	Set.	Size.	Kind	Size.	Set.	Size.	Set.	No.
		Feet.	Size.	Feet.	Size.	Feet.	Size.	Feet.	Size.	Kind	Size.	Kind	Size.	No.	Rem.	No.
Alewife Parkway	Hydrant: 77' north from Fairfax Street. Gate on Hydrant Branch; (Set in 1923) 77' north from north line of Fairfax Street in sidewalk 4' back of hydrant.	6"	4							6"	Chap.				No.	No.
Benton Road	Hydrant Replacement: 2' north from Cambria Street. Gate on Hydrant Branch; 2' north from north line of Cambria Street; 4' out from hydrant.															
Poston Avenue	Street Main: From connection with 10" gate in Boston Avenue on north line of Kidder Avenue 13' 4" west from east line of Boston Avenue, to connection with 10" main pipe in Boston Avenue at point 95' 6" south from south line of Prichard Avenue; 13' 4" east from west line of Boston Avenue. Pipe crosses Boston Avenue from the east to the west side about 300' north from Kidder Avenue and at this point is 16' 8" east from west line of Boston Avenue.	10"	465							6"	Renss.					
	Section Gate: On north line of Prichard Avenue 16' 8" east from west line of Boston Avenue.									10"	Renss.					
	Section Gate Replacement: On north line of Kidder Avenue; 13' 4" west from east line of Boston Avenue.									10"	Renss.	P & C	6"	Corey		
	Hydrant: 263' 6" north from Kidder Avenue. Gate on Hydrant Branch; 263' 6" north from north line of Kidder Avenue; 4' out from hydrant.	6"	9							10"	Renss.					
	Waterpost Removal: From opposite Prichard Avenue.									6"	Renss.					
Boston Avenue (Western End)	Street Main: From connection with 12" main pipe in Mystic Valley Parkway to connection with 8" main pipe in Irvington Road. Gate: On east line of Mystic Valley Parkway; 5' north from south line of Boston Avenue.	12"	463									2"	chap.			1

Broadway	Hydrant: 85' east from Mystic Valley Parkway. Gate on Hydrant Branch: In sidewalk 82' 6" east from east line of Mystic Valley Parkway; 2' 6" west from hydrant.	6"	4		6" Chap.
	Hydrant: 3' west from Irvington Road.	6"	4	6" Renss.	6" Chap.
	Gate on Hydrant Branch: In sidewalk 3' west from west line of Irvington Road; 2' 6" west from hydrant.	6"		6" Renss.	
	Blow-off Gate: 5' north from south line of Boston Avenue; 10' 8" west from east line of Mystic Valley Parkway. (Blow-off not yet connected with sewer).	6"	2	6" Renss.	Not Conn.
Broadway	Inter-City Connection: Between the City of Somerville 12" main in Boston Avenue at point 5' north from south line of Boston Avenue (in sidewalk); 6' west from east line of Mystic Valley Parkway; and City of Medford 12" main at point 12' south from north line of Boston Avenue; 12' 34' west from east line of Mystic Valley Parkway. 8" 9	12"	34	8" Renss.	
	Inter-City Gate: In iron chamber; 41' 6" north from south line of Boston Avenue; 4' west from east line of Mystic Valley Parkway.	8"	9		
	Street Main: From connection with Kensington Avenue main to point 106' west from west line of Kensington Avenue (in Broadway sidewalk 12' south from north line of Broadway).	2"	122		
	Gate: On west line of Kensington Avenue; 12' south from north line of Broadway.	2"		2" Chap.	6" Corey 6" Coffin
City Road Claremon Street	Hydrant Replacement: 33' west from Walnut Street.	6"		6" Renss.	4" Hol. G. 6" P & C
	Gate on Hydrant Branch: 33' west from west line of Walnut Street; 4' out from hydrant.				6" Hol. G. 4" Big.
	Hydrant Replacement: Health Department Yard.				
	Hydrant Replacement: 254' south from Holland Street.				
Conwell Avenue	Gate on Hydrant Branch: 254' south from south line of Holland Street; 4' out from hydrant.				
	Section Gate: On west line of Hillsdale Road; 13' 4" north from south line of Conwell Avenue.	6"	5	10" Chap.	6" Corey
	Hydrant Removal: 13' south from Auburn Avenue.				
	Gate on Hydrant Branch Removal: 13' south from south line of Auburn Avenue; 4' out from hydrant.				
Cross Street	Hydrant Removal: 71' north from Flint Street.	6"	6	6" Smith	6" Chap.
	Hydrant Removal: 15' north from Gilman Street.	6"	6		6" Chap.
	Hydrant Replacement: 7' west from Cross Street.				6" Matt.
	Hydrant Removal: 6' north from Broadway.				6" Hol. G.
Cross Street Place Curtis Street	Hydrant: 9' north from Broadway.				6" Corey



STREET.	DESCRIPTION.	PIPE.			GATES.			HYDRANTS.			BLOW-OFFS.			WATER POSTS.		
		LAID.		REMOVED	SET.	REMOVED	SET.	REMOVED	SET.	REMOVED	SET.	REMOVED	SET.	REMOVED	SET.	REMOVED
		Size.	Feet.	Size.	Feet.	Size.	Kind	Size.	Kind	Size.	Kind	Size.	Kind	Size.	Kind	Size.
Dell Street	Gate on Hydrant Branch: 9' north from north line of Broadway; 4 ft. out from hydrant. Hydrant Removal: 255' west from Glen Street. Hydrant: 260' west from Glen Street. Gate on Hydrant Branch: 260' west from west line of Glen Street; 4' out from hydrant. Gate on Hydrant Branch: 423' south from south line of Broadway; 4' out from hydrant. Section Gate: 426' south from south line of Broadway; 13' east from west line of Endicott Avenue. Main Gate Replacement: On east line of Webster Avenue; 10' south from north line of Everett Street.	6"	5	6"	5	6"	Renss.			6"	Corey				No	No
Endicott Avenue																
Everett Street		6"	2			6"	Coffin									
Fairfax Street	Hydrant: 435' west from North Street. Gate on Hydrant Branch: (Set in 1923) 435' west from west line of North Street; 5' out from hydrant.	6"	2			6"	Renss.	6"	Wood		6"	Corey				
Fellsway West	Section Gate Removal: 7' north from north line of Jaques Street; 17' east from west line of Fellsway West. Section Gate: On north line of Jaques Street; 17' east from west line of Fellsway West.							6"	Coffin							
Flint Street	Hydrant: 14' west from Cross Street. Gate on Hydrant Branch: 14' west from west line of Cross Street; 4' 4" out from hydrant.	6"	7			6"	Renss.				6"	Chap.				
Florence Street	Main Gate Replacement: On south line of Pearl Street; 13' 4" east from west line of Florence Street.					8"	Renss.	8"	Peet							
Fountain Avenue	Hydrant: 16' 6" east from Cross Street. Gate on Hydrant Branch: 16' 6" east from east line of Cross Street; 4' out from hydrant.	6"	6								6"	Corey				
Fremont Street	Hydrant Replacement: 342' north from Main Street.					6"	Smith				6"	Hol. G. 4" B. Mch.				



Location	Description	Size	Material
Garrison Avenue	Gate on Hydrant Branch: 342' north from north line of Main Street; 4' out from hydrant.	6" Reiss.	6" Corey
Garrison Avenue	Hydrant Replacement: 236' south from Broadway.	6" Reiss.	6" Matt.
Gillman Street	Gate on Hydrant Branch: 236' south from south side of Broadway; 4' out from hydrant.	6" Reiss.	6" Chap.
Gillman Street	Hydrant: 12' 6" west from Cross Street.	6" Reiss.	
Greenville Street	Gate on hydrant branch; 12' 6" west from west line of Cross Street; 4' out from hydrant.	6" Reiss.	6" Coffin
Greenville Street	Main gate replacement: On north line of Monroe Street; 13' 4" west from east line of Greenville Street.	4" Reiss.	4" B. Mch.
Hawthorne Street	Main gate replacement: On west line of Willow Avenue; 11' north from south line of Hawthorne Street.	8" 10	8" Corey
Highland Avenue	Hydrant replacement: 214' east from Spring Hill Terrace. (In front of State Armory.)	6" Chap.	6" Reiss.
Hillsdale Road	Gate on hydrant branch: 214' east from east line of Spring Hill Terrace; 4 ft. out from hydrant.	8" 10	8" Corey
Hillsdale Road	Street main: From connection with 8" main pipe in Hillsdale Road at section gate on north line of Sunset Road to connection with 8" main pipe in Upland Road.	8" 174	
Houghton Street	Main gate replacement: On west line of Prospect Street; 10' 6" south from north line of Houghton Street.	10" Reiss.	10" B. Mch.
Irvington Road	Street main: From connection with 12" main pipe in Mystic Valley Parkway easterly on line 13' 4" south from north line of Irvington Road to 8x8x8 tee at angle of Irvington Road at point 170' south from south line of Boston Avenue; thence northerly 6' 8" east from west line of Irvington Road to connection with 12" main in Boston Avenue.	8" 653	
Irvington Road	Gate: On east line of Mystic Valley Parkway; 13' 4" south from north line of Irvington Road.	6" 6	6" Corey
Laurel Terrace	Hydrant: 104' east from Mystic Valley Parkway.	6" Reiss.	
Laurel Terrace	Gate on hydrant branch: 104' east from east line of Mystic Valley Parkway; 4' out from hydrant.	6" Reiss.	6" Corey
Laurel Terrace	Hydrant: 40' west from angle of Irvington Road.	6" Reiss.	
Laurel Terrace	Gate on hydrant branch: 40' west from west line of Irvington Road at angle; 4' out from hydrant.	6" Reiss.	
Laurel Terrace	Street main: From connection with main pipe in Laurel Terrace at point 145' east from east line of Laurel Street to point 239' east from east line of Laurel Street.	6" 94	6" Corey
Merriam Street	Hydrant replacement: 158' south from Washington Street.	6" Reiss.	6" Chap.

[illegible]

Location	Size	Material	Notes
Summer Street	6"	Renss.	
Sunset Road	6"	Renss.	
Talbot Avenue	12"	Renss.	
Tremont Street	6"	Corey	
Upland Road	6"	Corey	
Vernon Street	6"	Corey	
Washington Avenue	6"	Corey	

STREET.	DESCRIPTION.	PIPE.			GATES.			HYDRANTS.			BLOW-OFFS.			WATER POSTS.			
		LAID.		REMOVED.	SET.	REMOVED.		SET.	REMOVED.	SET.	REMOVED.	SET.	REMOVED.	SET.	REMOVED.		
		Size.	Feet.	Size.		Feet.	Size.									Kind.	Size.
Washington Street	north line of Washington Street; 6' west from east line of Washington Avenue. Gate on hydrant branch: West corner Mt. Vernon Street; 4' out from hydrant. Gate on hydrant branch: 15' west from west line of Myrtle Street; 3' 6" out from hydrant. Gate on hydrant branch: 18' east from east line of Franklin Avenue; 4' out from hydrant. Hydrant replacement: 197' south from Broadway. Gate on hydrant branch: 197' south from south line of Broadway; 4' out from hydrant. Hydrant replacement: 77' south from Mystic Avenue. Gate on hydrant branch: 77' south from south line of Mystic Avenue; 2' 6" out from hydrant. Hydrant replacement: 6' east from Nashua Street. Gate on hydrant branch: 6' east from east line of Nashua Street; 3' out from hydrant. Street main: From connection with 2" main pipe in Yorktown Street at point 71' north from north line of Malvern Avenue to point 94' north from north line of Malvern Avenue.	2"	20	2"	20												
Weston Avenue						6"	Renss.										
Wheatland Street						6"	Renss.										
Wilton Street						6"	Renss.			6"	Corey.						
						6"	Renss.			6"	Corey						
						6"	Renss.			6"	Corey						
Yorktown Street						6"	Renss.			6"	Corey						
			4125			52	56	12	35								0



## SUMMARY OF STATISTICS

FOR THE YEAR ENDING DECEMBER 31, 1924

In form recommended by the New England Water Works Association.

## SOMERVILLE WATER WORKS

SOMERVILLE, MIDDLESEX COUNTY, MASS.

## General Statistics

Population, census 1920, 93,033; present, estimated 100,000.

Date of construction: Commenced in 1868.

By whom owned: City of Somerville.

Source of supply: Metropolitan water system.

Mode of supply: Water is delivered into the city's mains, under both high and low pressure, by the Metropolitan Water Works.

## Statistics of Consumption of Water

Census population, 1920, 93,033.

Population on lines of pipe, Dec. 31, 1924, 100,000.

Population supplied, Dec. 31, 1924, 100,000.

Total consumption for the year, 2,840,186,000 gallons.

Average daily consumption, 7,760,100 gallons.

Gallons per day to each inhabitant, 77.

## Statistics Relating to Distributing System, 1924

## MAINS

Kind of pipe, cast iron.

Sizes, from 4-inch and under to 20-inch.

Laid 4,125 feet; discontinued 52 feet; net extension, 4,073 feet.

Total now in use, 105.1 miles.

Number of hydrants added during year (public, 12; private, 0) 12.

Number of hydrants (public and private) now in use, 1,279.

Number of stop gates added during year, 44.

Number of stop gates now in use, 2,060.

Number of blow-offs, 190.

Range of pressure on mains, 35 pounds to 100 pounds.

## SERVICES

Kind of pipe: Lead; lead-lined wrought iron; cement-lined wrought iron; cast iron.

Sizes, one-half to eight inches.

Extended 5,333 feet; discontinued, 573 feet.

Total now in use 92.8 miles.

Number of service taps added, 159; discontinued, 15; increase, 144.

Number now in use, 14,189.

Number of meters added, 1,092; meters and motor registers discontinued, 159; net increase, 933.

Number now in use, 13,012.

Percentage of services metered, 91.6.

Percentage of water receipts from metered service, 93.2.

Number of motors and elevator registers added, 0; removed, 0.

Number now in use, 3 (included in number of meters.)



REVENUE

From Water Rates:—	
Fixture rates . . .	18,801 68
Meter rates . . .	264,323 84
Total from consumers .	<u>283,125 52</u>
From other sources:—	
Water service assessments	8,559 72
Labor and materials .	10,687 94

Total . . . . . \$302,373 18

Disposition of balance: applied to municipal purposes  
Cost of works to date . . . \$1,187,641 73  
Bonded dept at date . . . None

EXPENDITURES

Water Works Maintenance:—	
Operation (Management,	
repairs and renew-	
als) . . . . .	\$69,720 13
Special:—	
Miscellaneous accounts .	11,582 56
Total . . . . .	<u>\$81,302 69</u>
Water Works Buildings . . .	2,983 36
Water Works Construction:—	
Mains . . . . .	\$19,036 67
Services . . . . .	7,336 44
Meters . . . . .	7,741 61
Total construction . . .	\$34,114 72
Metropolitan water assessment .	142,275 86
Balance . . . . .	41,696 55
Total . . . . .	<u>\$302,373 18</u>

## REPORT OF THE STREET COMMISSIONER

OFFICE OF THE STREET COMMISSIONER,

City Hall, Somerville, January 1, 1925.

To His Honor, the Mayor, and the Board of Aldermen:—

Gentlemen:—I most respectfully submit the forty-ninth annual report, containing a brief summary of the principal work performed by the Highway Department, by day labor and contract, during the year 1924 with recommendations for necessary additions the coming year.

This department has charge of the construction, alteration, repair, maintenance and management of ways, streets, sidewalks and bridges; the setting out and care of shade trees; the suppression of gypsy and brown tail moths, elm leaf beetles and other pests which destroy trees; and the oiling and watering of streets.

### Highway Department Appropriations

	Appropriations	Expenditures
Highway Maintenance . . . . .	\$126,838 81	\$126,297 10
Sidewalks Maintenance . . . . .	9,600 00	9,599 73
Street Sprinkling . . . . .	40,950 00	40,909 05
Street Cleaning . . . . .	30,600 00	30,599 64
Suppression of Moths . . . . .	5,038 75	5,037 34
Care of Trees . . . . .	6,075 00	6,060 16
New Streets . . . . .	36,304 60	36,277 81
Permanent Pavement . . . . .	50,017 08	49,934 86
Sidewalks Construction . . . . .	10,001 91	9,825 18
Reconstruction and Resurfacing . . . . .	26,475 72	26,472 71
	<hr/> \$341,901 87	<hr/> \$341,013 58

The yearly maintenance of the Highway department is taken from the Highway Maintenance account. Credit is received for work performed for the other divisions of this department and other departments of the City.

City officials and taxpayers everywhere are confronted with the problem of providing suitable pavement surfaces for the rapidly and heavily increasing traffic of today. Streets built only a few years ago to meet the needs of that time are inadequate.

Somerville is reconstructing and constructing its streets to meet the travel of today.

Roads and pavements of every type require repair and maintenance.

In many cases if patching is done in time no further repairs may be needed for a considerable period, while, if patching is neglected it may lead to the disintegration of the whole pavement.

A road may be so well maintained that it is always in good condition.

The slogan for good roads should be "Drain and Maintain."

## 1924

## Highway Maintenance

Appropriations . . . . .	\$91,975 00	
Credits . . . . .	34,863 81	
		<hr/>
		126,838 81
Street Commissioner . . . . .	\$3,300 00	
Bookkeeper, Clerk, Foreman . . . . .	5,123 58	
Office Expenses . . . . .	571 36	
Equipment and Repairs . . . . .	2,785 55	
Harnesses . . . . .	1,221 37	
Tools and Machinery . . . . .	2,702 80	
Steam rollers . . . . .	397 17	
New Automobiles (Two) . . . . .	1,898 00	
Tractor, mixer and auto maintenance . . . . .	6,710 61	
Stable expenses . . . . .	6,587 72	
Hay, grain and feed . . . . .	7,495 08	
Shoeing and veterinary . . . . .	1,908 08	
Fuel . . . . .	359 22	
Miscellaneous . . . . .	601 22	
Repairs to streets, gutters etc . . . . .	16,268 30	
Repairs subways . . . . .	607 52	
Care of lanterns and traffic signs . . . . .	4,699 24	
Snow and Ice . . . . .	9,872 84	
Signs . . . . .	1,508 66	
Care of Highway Property . . . . .	878 49	
Sawing wood from dead trees . . . . .	776 91	
Holidays—vacations . . . . .	7,788 32	
Charges to other departments . . . . .	21,447 59	
Bills receivable . . . . .	20,787 47	
Balance . . . . .	541 71	\$126,838 81

## Snow and Ice

Under the new State law in regard to snow, this city is to keep open for travel, Mystic avenue and Middlesex avenue, State highways, within its boundary.

This year another piece of motor apparatus was purchased and a Good Roads plow has been attached to the same. I most respectfully recommend the purchase of a five ton tractor with a Sargent plow.

All streets passed by the City Government for coasting were posted by this department with caution signs. On dangerous streets where coasting was not allowed "No Coasting" signs were posted.

This department cares for the sidewalks around all public buildings and grounds.

360 requests and reports were attended to.

\$11,397.62 was expended for the removal of snow and ice. 3967 cubic yards of snow and ice were removed. 62 cubic yards of sand and 115 cubic yards of ashes were used in caring for icy sidewalks, streets and crossings.

### Bridges

The bridges in our city are in good condition. This department started painting the iron fences on the bridges and the approaches to the same, that come under its care. They will be completed the coming spring.

### Street Railways

The Boston Elevated Railway Company reconstructed double tracks on Washington street from the Boston line to Tufts street; Webster avenue from Union square to near Columbia street; Cross street from Pearl street to Tufts street and Boston avenue from the Medford line to Alewife brook.

I hope the coming year the Boston Elevated Railway Company will reconstruct their tracks on Somerville avenue from Granite street on one side and from Park street on the other side to Wilson square and on Broadway from Teele square to the Arlington line.

### Underground Wires

Permits were issued to the Edison Electric Illuminating Company to open streets for the construction and enlarging of conduits on Curtis street from Broadway to Fairmount avenue; Elm street from Willow avenue to and including Davis square; Holland street from Davis square to and including Teele square; Broadway from Teele square to the Arlington line and Davis square for the new white way.

To the New England Telephone and Telegraph Company on Boston avenue from Broadway to Highland road; Broadway from Simpson avenue to Clarendon avenue; Cedar street from Elm street to Summer street; Chetwynd road from West Adams street to Curtis street; Curtis street from Broadway to Fairmount avenue; Curtis street from Chetwynd road to Conwell avenue; Washington street from Webster avenue to Parker street; West Adams street from Bailey street to Chet-



wynd road and for pole and house connections to both companies.

#### Crushed Stone

778 tons and 4461 cubic yards of crushed stone were purchased from William J. McCarthy Company at \$2.25 per ton, \$2.80 per cubic yard, 570 tons from the Boston Trap Rock Company at an average of \$2.25 per ton and 370 tons at \$2.00 per ton from Coleman Bros. All stone was delivered to the city yard or on the line of work.

#### Sidewalks Maintenance

1450 linear feet of edgestone were reset. 1181 square yards of brick sidewalks were relaid and 198 square yards of granolithic relaid.

Police reports pertaining to all kinds of defective sidewalks are charged to this appropriation.

Granolithic should be substituted for the old brick sidewalks in our squares.

\$9,599.73 was expended for Sidewalks Maintenance.

#### Street Sprinkling

Another tank was erected at the city yard, capacity 10,000 gallons this will give the department a storage capacity of about 16,000 gallons of tar for the cold application on our streets. Under this appropriation the department, with its own employees and equipment, applied all the tar from these tanks to the streets. The Barrett Company furnished the "Tarvia B" into these tanks at \$.0973 per gallon and saw that there was a good supply at all times.

The American Car Sprinkler Company sprinkled and flushed our main streets where there are car tracks for \$950.00 a month, seven days a week.

Dust layers used during the year:—

157,861 gallons of Tarvia B. Barrett Company.

6,905 gallons Cambridge Gas Tar. Cambridge Gas Light Co.

13,125 pounds Calcium Chloride.

\$40,909.05 was expended for Street Sprinkling.

#### Street Cleaning

Another Springfield Motor pick up sweeping machine was purchased. These two machines practically did all the cleaning by working sixteen hours a day with two shifts of men working eight hours each. The sweepings picked up by these machines were dumped on side streets and vacant lots and were removed by teams and trucks to the dump. One



of these machines has been equipped with a Good Roads plow for snow work. In the squares and business sections of the city the sweeping is done between 11 P. M. and 7 A. M.

The scarcity of dumps is increasing the cost of this division greatly.

7,009 cubic yards of street sweepings were removed.

\$29,599.64 was expended for Street Cleaning.

#### Suppression of Moths

The brown tail moths are practically exterminated in this city.

This department cares for all trees both public and private in regard to moths.

12,008 street trees were inspected and cared for.

10,874 private trees were inspected and cared for.

15,721 bushes were found moth infested.

12,866 fences and buildings on which moths nested.

30,895 gypsy moth nests were painted with creosote.

42 brown tail moth nests were gathered and destroyed.

5,436 satin moth nests were painted with creosote.

7,361 trees were sprayed by the gasoline spraying machine to exterminate the different kinds of caterpillars and beetles.

31,576 tussock moth nests were destroyed.

\$5,037.34 was expended for the Suppression of Moths.

#### Shade Trees

During the year there were two serious wind storms that destroyed many shade trees.

The leopard moth or borer is killing some of our shade trees and the department intends to make a fight against this pest.

46 trees were set out.

197 trees were removed.

339 trees were trimmed by request.

102 tree guards and supports installed.

\$6,060.16 was expended for the Care of Trees.

#### Highway Construction—New Streets

Four new streets were constructed during the year under the Betterment Act, by contract, viz:—

Setting edgestones 75c per linear foot.

Gutter construction \$3.75 per square yard.

Construction of Macadam roadway \$1.50 per square yard.

One new street was constructed by City employees.

The city furnishes the edgestone and asphalt binder.

Nine new streets were accepted this year.

\$36,277.81 was expended for New Streets.

### Sidewalk Construction

The average cost of granolithic sidewalks constructed, including excavation and all materials, was \$3.03 per square yard, the abutters paying half the cost of construction.

Miles of edgestone, granolithic, brick and gravel sidewalks in the city:—

Edgestones . . . . .	150.553 miles
Gravel sidewalks . . . . .	20.193 miles
Brick sidewalks . . . . .	70.625 miles
Granolithic sidewalks . . . . .	58.042 miles

\$9,825.18 was expended for Sidewalks Construction.

### Highway Construction—Permanent Pavement

The city has made many improvements on the main streets this year, by removing the old paving blocks on a gravel base, recutting the blocks, replacing them on a concrete base, and grouting them with Portland cement.

The contract was awarded for the construction of Washington street at \$3.25 per square yard and Webster avenue at \$3.15 per square yard. The Cross street contract was awarded for \$3.50 per square yard; on this street the old concrete was removed and re-cut blocks were furnished by the city, the contractor constructing a new concrete base and furnishing all other materials.

\$49,934.86 was expended for Permanent Pavement.

## NEW STREETS CONSTRUCTED IN 1924

Street	From	To	Width	Cost
Chetwynd road	Curtis street	W. Adams street	40	\$9,741 26
Dow street	Powder House Blvd.	Ware street	40	3,073 58
High street	North street	Alewife Brook Pkwy.	40	7,830 37
Parkdale street	Washington street	Lewis street	40	5,623 47
Sterling street	North street	Alewife Brook Pkwy.	40	9,646 78

Above streets all constructed with Bituminous Macadam.

## PERMANENT PAVEMENT, 1924

Street	From	To	Square Yards	Cost
Boston avenue	Medford line, SE'y	Som.-Med. line	1225.	\$ 3,420 21
Cross street	Pearl street	B. & M. R. R. bridge	2247.9	11,708 19
Washington street	Charlestown line	Tufts street	5989.6	21,046 15
Webster avenue	Union square	Columbia street	3914.3	13,605 72

## SIDEWALKS CONSTRUCTION 1924

Street	Location	Cost
Bailey street	Side of estate 121-123 North street	\$151 88
Boston avenue	In front estate No. 93-135 Inc.	1,408 47
Boston avenue	Mystic Valley Pkwy. to Medford line	899 84
Broadway	In front estate No. 287-307B Inc.	440 78
Broadway	In front estate No. 983-995 Inc.	510 97
Broadway	Side of estate M. E. Church, Grant street	208 86
Carter terrace	Southeasterly, Summer street to dead end	386 79
Cedar street	In front estate No. 189	134 59
Cross street east	In front estate No. 18	403 01
Heath street	Northeasterly from Bond street	286 30
Highland avenue	In front estate No. 405	132 66
Highland avenue	In front estate No. 403	187 68
Ivaloo street	In front estate No. 41-43	243 09
Mason street	In front estate No. 11-15 Inc.	422 81
Medford street	Northeasterly Walnut street to Highland avenue	1,446 90
Mossland street	Side of estate 54 Elm street	180 98
Powder House Blvd.	In front estate 233-235	163 25
Powder House Blvd.	In front estate No. 187	144 03
Summer street	In front estate No. 155-163 Inc.	635 97
Sycamore street	Side Est. No. 135 Highland ave., No. 9 Sycamore street To Montrose street	542 33
Teele avenue	Southwesterly Packard avenue to Estate No. 32-34	767 71
Whitfield road	In front estate No. 30	125 26

## RECONSTRUCTION AND RESURFACING 1924

Street	From	To	Width	Length	Cost
Boston street	Washington street	Prospect Hill avenue	45	614	\$2,968 00
Cameron avenue	Holland street	Cambridge line	60	1065	7,351 59
Central street	Highland avenue	R. R. Bridge	40	710	2,824 33
Dane street	Somerville avenue	Washington street	40	1341	5,286 61
Grant street	Broadway	Mystic avenue	40	1405	3,135 74
Sargent avenue	Broadway	Walnut street	40	1075	4,906 44

The above streets were all reconstructed or resurfaced with Bituminous Macadam



### Reconstruction and Resurfacing

Six streets were reconstructed or resurfaced this year at an average cost of \$1.40 per square yard by city employees. These streets were scarified by the steam roller, regraded and rerolled. After the sub-grade was ready, egg stone was spread and rolled, the voids filled with nut stone and rolled to a depth of from five to six inches, then asphalt was sprayed upon the same from a truck, pea stone was then spread and rolled, another application of asphalt and pea stone, and rolled until the whole roadway was solidly bonded. After these streets had been opened to travel for a few weeks it was swept and an application of asphalt was applied and covered with gravel for a sealing coat. If the city could continue to carry on this work each year the streets would always be in fine condition.

\$26,472.71 was expended for Reconstruction and Resurfacing.

### Miscellaneous

- 175 Granolithic driveways constructed.
- 119 Brick driveways constructed.
- 39 Edgestones dropped for driveways.
- 2 Driveways extended.
- 3 Driveways discontinued.

Driveways are constructed, discontinued, relocated or extended at the expense of the petitioners.

One horse was killed on account of disability.

The department maintains its own municipal repair shop for the different lines of work.

I have attended meetings of the Public Works, Mayor Webster as Chairman, Public Works Committee and the Board of Aldermen for consultation regarding work and petitions.

### Permits

There were during 1924:—

- 142 permits issued to the Cambridge and Charlestown Gas Companies.
- 111 permits issued to cross sidewalks.
- 575 permits issued to occupy streets and sidewalks.
- 13 permits issued to feed horses.
- 27 street sprinkling complaints and requests.
- 211 notifications to other departments and corporations.
- 77 accident reports.
- 913 police reports.
- 757 brick and granolithic sidewalks repaired.
- 1310 miscellaneous reports and requests.
- 130 drain layers permits.

889 water department openings.  
209 permits to open streets and sidewalks.  
120 danger and traffic signs erected.  
34 new signs erected.  
244 signs repainted.  
141 streets cleaned by request.  
5249 cubic yards of sand and gravel used.  
4231 cubic yards of dirt removed.  
778 cubic yards of ashes used.  
1309 cubic yards of old macadam used.  
3977 bags of Portland cement used.  
14 cubic yards loam used.

### Recommendations

I most respectfully recommend that the work of recutting the granite paving blocks be completed on Somerville avenue from Park street and Granite street to Wilson square; Broadway from Teele square to the Arlington line be reconstructed with a bituminous mixed top, using the old concrete base; On Prospect street from the Fitchburg railroad bridge to the Cambridge line the tar top should be stripped off the concrete base and recut granite paving blocks should be laid on the old base, grouted with Portland cement.

I would be lax if I did not recommend again, a new fire proof garage.

I wish to extend my sincere thanks to all for their support and hearty co-operation.

Respectfully submitted,

**ASA B. PRICHARD,**

*Street Commissioner.*

## REPORT OF THE CITY ENGINEER

OFFICE OF THE CITY ENGINEER,

CITY HALL, SOMERVILLE, JANUARY 21, 1925.

To His Honor, the Mayor, and the Board of Aldermen:—

Gentlemen,—In accordance with the city ordinances, the following report of the work done and expense incurred for the year ending December 31, 1924, by the Engineering Department and appropriations under my charge and supervision, including the accounts of city engineer, sewers construction, sewers maintenance, parks maintenance, playgrounds maintenance, and other public works, is herewith presented:—the 52nd annual report—my twenty-ninth report as city engineer.

### ENGINEERING DEPARTMENT

In previous reports the general work, charter requirements and city ordinances relating to the duties of the city engineer have been fully described—he shall be consulted in relation to public improvements of every kind when the advice of a civil engineer would be of service. City Engineer is also Supt. of Sewers and Supt. of Parks and grounds.

Divisions	Appropriations and Credits		Expenditures	Balances
City Engineer . . .	\$13,370 00		\$13,174 23	\$ 195 77
Parks Maintenance . .	13,950 00	\$2,195 00	16,144 19	81
Playgrounds Maint. . .	7,050 00	83 63	7,133 23	40
Pk. and Playgrd. Imp. .	5,000 00		4,996 05	3 95
Sewers Maintenance . .	25,000 00	167 52	*25,167 53	12 21
Sewers Construction . .	11,301 85	193 99	7,478 96	3,446 90
Stock Account . . .		315 00		884 98

\* \$500.00 transferred to Parks Maintenance.

(Expenditures in the various divisions are shown in detail in the City Auditor's annual report.)

## CITY ENGINEER DIVISION, CLASSIFICATION OF EXPENDITURES, 1924

Sewers and Storm Drains,—comprising surveys, estimates, profiles, lines, grades, titles, plans, assessments, all engineering work relating to same and supervision	\$1,177 08
Highways,—comprising plans, estimates, titles, profiles, lines and grades, inspection of paving and all other engineering work relating to the department . . .	1,087 08
Sidewalks,—comprising profiles, lines, grades, measurements, inspection, titles, costs and assessments . . .	310 88
Water Works,—comprising lines, grades, locations of mains, gates, hydrants, services for buildings, and other matters relating to the department . . .	362 37
Parks and Playgrounds,—comprising surveys, plans, estimates, profiles, and grades, including laying out of parks, playgrounds, boulevard and supervision . . .	509 68
Public Buildings,—comprising surveys, estimates, lines and grades, and other work relating to construction and laying out of grounds . . .	216 96
Street Numbering,—comprising locations of buildings, plans, assigning street numbers, etc. . . . .	375 16
Street Lines and Grades,—comprising establishing of lines, grades, and miscellaneous data given parties for building and grading . . . . .	363 05
Bridges and Grade Crossings,—comprising surveys, plans, profiles, estimates, lines and grades, etc. . . . .	39 00
City Survey,—comprising establishing of streets lines, acceptance plans, and miscellaneous survey work for city map, etc. . . . .	884 92
Middlesex Registry and Land Court,—comprising copying of plans, and abstracts from deeds and examination of titles filed at East Cambridge, also tracing of street acceptance and sewer taking plans, filed for record . . . . .	147 55
Private Corporations, Railway, Telephone, Electric Light and Gas Light Companies,—comprising grades, plans, profiles and office notes, locations of poles and conduits	126 16
Setting Stone Bounds and Brass Rods,—defining street lines and city boundary lines . . . . .	21 42
Office Work,—comprising record of all locations, indexing, typewriting, bookkeeping, calculations, reports, and general draughting . . . . .	1,365 59
Miscellaneous Work,—comprising designs, sketches, etc., relating to various schemes for committees . . . . .	70 67
Holidays, Vacations and Sickness . . . . .	783 36
National Guard Duty . . . . .	75 83
Engineering,—General Departmental expenses (all divisions) comprising city engineer's salary, auto, telephone, car fares, and supplies . . . . .	5,257 47
Total . . . . .	<u>\$13,174 23</u>

Value of field instruments, tools and office instruments,  
\$1,500.00.



A number of plans were made during the year for street acceptance and nine streets have been accepted as public highways under the betterment act.

There are plans for acceptance of nine private streets on file in this office, that for various reasons have not been made public ways.

Surveys, calculations, estimates and plans have been made for taking land, buildings and private property for various purposes in certain sections of the city.

A new city map, 600 feet to an inch, has been made showing streets, elevations above mean low water, etc., and 1000 copies made for general distribution; and a map showing proposed new Ward line has been made.

A plan has been made showing a proposed widening of Cross Street (East.)

The continuation of the improvement of Cross Street (between Pearl Street and Tufts Street) has been accomplished by widening the roadway and narrowing the sidewalks eighteen inches on either side of the street, placing overhead service wires in underground conduits and removing old poles from the street.

Some of the old main thoroughfares should be renumbered their entire length, so as to eliminate half numbers and letters now being used; also certain streets, continuing in bordering cities, where numbers conflict.



## STREETS ACCEPTED AS PUBLIC HIGHWAYS IN 1924, UNDER THE BETTERMENT ACT

Name of Street	Ward	From	To	Width in ft.	Length in ft.	Date of Acceptance
Cady Avenue	.	7 Simpson Avenue	. Corinthian Road	40	158.1	Dec. 11, 1924
Corinthian Road	.	7 Broadway	. Cady Avenue	40	560.3	Dec. 11, 1924
East Albion Street	.	5 Moreland Street	. Fremont Street	31	284.9	Dec. 29, 1924
Fairfax Street	.	7 North Street	. Alewife Brook Pkwy.	40	933.0	Dec. 11, 1924
Fremont Street	.	5 East Albion Street	. Northerly	40	182.8	Dec. 29, 1924
Sunset Road	.	7 Curtis Street	. Hillisdale Road	40	656.2	Dec. 11, 1924
Watson Street	.	7 Broadway	. Fairmount Avenue	40	236.5	Dec. 11, 1924
Woods Avenue	.	7 North Street	. Alewife Brook Pkwy.	40	1,148.7	Dec. 11, 1924
Thorndike Street	.	7 Underpass B. & M. R. R.	. . . . .	20	88.0	Dec. 29, 1924
<b>Total</b>	.	.	(0.804 mile)	.	<u>4,248.5</u>	

Summary.—Public streets 87.16 miles (includes 1.406 miles of City Boulevard and Park Roadways,—2.331 miles of State Boulevard,—1.596 miles State Highway) ; private streets 14.43 miles.

Total length of streets in the city 101.59 miles.

In the 1910 report, tables were published showing old names of certain streets as formerly known, and names of public Squares in the city; the names of some of these Squares have been changed recently, and new Squares added.

#### Length of Public Streets in Each Ward

	Miles
Ward one . . . . .	10.824
Ward two . . . . .	9.912
<b>Ward three</b> . . . . .	7.630
Ward four . . . . .	10.026
Ward five . . . . .	12.628
Ward six . . . . .	13.795
Ward seven . . . . .	22.346

Total length of public street in the city . . . . . 87.161

Street "Markers"—(Stone Bounds) (Brass rods set in cement sidewalks.)

There are at the present time a total of 662 bounds or brass rods set for defining street lines, and this work should be continued as much as possible each year. These bounds are of great convenience in establishing permanent "Bench Marks" throughout the city for giving grades.

Previous reports will show location of all street bounds set.

Five new streets have been constructed, under the betterment act, with a bituminous macadam wearing surface, concrete gutters and granite edgestone, a total of 3,104 feet (0.589 mile.)

The average cost of this type of construction complete, for 40 ft. width streets, was \$11.58 per linear foot.

Assessments have been levied on abutting property owners for approximately one-half of the cost of constructing these streets.

Re-cut granite block pavement has been laid on a concrete base with a cement grout in sections of Washington Street, Webster Avenue, and Cross Street; 12,152 square yards (4,187 feet in length) of this type of pavement were constructed by contract.

A section of Boston Avenue was reconstructed, laying Simpson Bros.' asphaltic wearing surface, a length of 960 feet (1,225 sq. yds.)—in conjunction with all this paving the street railway company also relaid approximately 5,200-square yards re-cut granite paving between rails where tracks existed.

The total length of permanent paved streets in the city amounts to 18.74 miles.

Permanent street pavement should be extended as rapidly as possible, using old granite blocks, re-cut and laid on a concrete base—the best and most economical pavement for this city.

Grades were given and measurements taken for the reconstruction of six streets with a bituminous wearing surface, a length of 6,213 feet.

In constructing the granite pavement, new bituminous streets and granolithic sidewalks, 7,264.7 feet (1.376 mile) of new edgestone were set.

TABLE OF STREET CONSTRUCTION

	Square Yards	Miles
*Streets paved with granite blocks . . . . .	161,500	7.23
**Streets paved with concrete . . . . .	22,889	1.34
+Streets paved with asphaltic top . . . . .	29,666	1.71
Streets paved with vitrified brick . . . . .	20,958	1.29
Streets paved with "Bi-co-mac" . . . . .	10,100	0.77
Streets paved with bitulithic (patent) . . . . .	12,234	0.82
Combination pavement (concrete base with bituminous top) . . . . .	82,877	5.58
‡Streets macadamized (bituminous binder) . . . . .		46.16
Streets macadamized (water bound) . . . . .		21.25
Streets graveled or unimproved . . . . .		15.44
Total . . . . .		101.59

\*Also 32.5 miles (single track) electric railway paved with granite, asphalt, bitulithic, etc.

\*\*Includes 0.42 mile state highway.

+Includes 1.16 miles of state highway.

‡Includes 1.406 miles of city boulevard and park roadways and 2.331 miles of state boulevard (Metropolitan District Commission, Park Division.)

There are a number of crossings in this city at intersecting public thoroughfares, where the corners should be cut back and the roadway widened for the safety of traffic and improvement in appearance.

Lines and grades were given and measurements taken for constructing twenty new granolithic sidewalks—3,476 square yards (0.658 mile) and assessments were computed, the abutting property owners paying one-half the cost on nineteen sidewalks, the remainder the entire cost. The greater part of this work was done at an average cost of \$3.03 per square yard.

In laying out new work, under orders passed for construction of sidewalks, etc., occasionally portions of buildings and fences are found to be encroaching on the sidewalk and on some of the old rangeways these encroachments have ex-

isted for many years; as improvements are made, the full width of sidewalk should be maintained.

In sections of the city, where brick sidewalks have been laid many years, and must necessarily be relaid on account of deterioration and unevenness, granolithic should be substituted in place of brick.

**Miles of Edgestone, Granolithic, Gravel and Brick Sidewalks in Each Ward**

	Edgestone	Gravel Sidewalk	Brick Sidewalk	Granolithic Sidewalk
Ward one . . .	20.174	3.463	11.898	5.105
Ward two . . .	17.340	6.034	6.386	4.240
Ward three . . .	14.325	0.906	11.545	1.968
Ward four . . .	15.435	1.018	9.696	4.527
Ward five . . .	22.716	4.307	12.155	6.148
Ward six . . .	25.432	3.709	10.613	11.724
Ward seven . . .	35.131	0.756	8.332	24.330
	<hr/> 150.553	<hr/> 20.193	<hr/> 70.625	<hr/> 58.042

(Details, etc., streets and sidewalks in report of Street Commissioner.)

Plans have been made by the various companies and filed in the city engineer's office, showing the locations of gas mains, poles, tracks and conduits in this city, which have been granted by the board of aldermen during the year;—the work of placing overhead wire in conduits, underground, and removing poles from the streets should be extended as rapidly as possible.

In the city's squares overhead wires should be placed underground, immediately, and practically all poles (except for lights) removed—on the main thoroughfares many of the existing poles should be eliminated, at the present time, being unnecessary.

A special ordinance should be enacted concerning city inspection on all underground work done by private companies or corporations and regulation as to method of street openings.

At the present time there are underground in the city's streets 19.43 miles of telephone conduits, 15.01 miles of electric light conduits, 4.46 miles of electric railway conduits, and about 11.37 miles of underground conduits used for the city's wires.

The Cambridge and Charlestown gas companies have respectively 65.88 and 28.27 miles of gas mains in the city's streets.

For the immediate improvement of conditions in this city the highway bridges and approaches over the steam railroads should be rebuilt the full width of the street at Broad-







**TABULAR STATEMENT OF SEWERS AND STORM DRAINS BUILT IN 1924**

LOCATION				ITEMS OF CONSTRUCTION AND COST																				
Name of Street	From	To	Contractor	Material Excavated	Average Cut	SEWER		SUB-DRAIN		ROCK EXCAVATION		MANHOLES		Number of Inlets	COST PER LINEAR FOOT							Total Cost	Assessment	Cost to City
						Sizes in inches	Length in feet	Size in inches	Length in feet	Cubic yards	Price per yard	Number	Average Cost		Excavation Pipelaying and Refilling		Pipe, Cement, etc. including Sub-Drain	Engineering and Inspection	Lumber	Average Cost per Linear Foot				
															Sewer or Storm Drain	Sub-Drain								
Irvington Road Sewer .....	Mystic Valley Parkway	Easterly	James H. Fannon	Clay — Hard Pan	6'-6"	10 8	29.2 452.0	4	96.5	7.5	\$5.85	2 Combi- nation	\$118.30	3 23	\$1.75	\$0.25	\$0.39	\$0.05	.....	\$2.75	\$1320.71	\$1318.75	\$1.96	
Irvington Road Storm Drain .....	Mystic Valley Parkway	Easterly	James H. Fannon	Clay — Hard Pan	5'-6"	8	453.5	.....	.....	.....	.....	See Sewer	See Sewer	23	0.25	.....	0.31	0.03	.....	0.78	352.63	.....	352.63	
Boston Avenue Sewer .....	Kidder Avenue	Near Prichard Avenue	James H. Fannon	Filling and Clay	8'-0"	10 8	299.7 192.0	4	160.5	2.4	5.85	3	78.93	19 10	2.25 2.00	.....	0.50	0.07	0.03	3.43	1684.62	1,667.00	17.62	
Perry Street Sewer .....	End Sewer Built 1889	End of Street	City — Day Labor	Sand and Marl	4'-4"	8	255.5	.....	.....	.....	.....	1	77.14	7	1.08	.....	0.38	0.03	.....	1.77	453.15	429.00	24.15	
1681.9 (0.319 Miles) Sewers and Storm Drains																					\$3,811.11	\$3,414.75	\$396.36	

Total length of public sewers in the city Jan. 1st, 1925 . . . = 508,342.3 feet = 96.277 miles  
 Total length of private sewers in the city Jan. 1st, 1925 . . . = 34,896.0 feet = 6.609 miles  
 Total length of sewers in the city Jan. 1st, 1925 . . . = 543,238.3 feet = 102.886 miles (33.516 miles separate system sewers)  
 Total length of storm drains in the city Jan. 1st, 1925 . . . = 67,452.1 feet = 12.775 miles  
 Total length of the city drainage system Jan. 1st, 1925 . . . = 610,690.4 feet = 115.661 miles  
 Total length of Metropolitan sewerage system mains  
 in the city . . . . . = 3.475 miles

way, (North Somerville) Prospect Street and Washington Street, near Union Square; and the steam railroad bridge over Washington Street (East Somerville) reconstructed with increased head-room for street traffic,—the dangerous railroad grade crossing at Park Street should be abolished, as decreed by the courts a number of years ago.

I respectfully refer to some of the more important recommendations and suggestions made in reports of the city engineer for a number of years past, which are for the improvement of conditions in this city.

### SEWER DIVISION

The designing and constructing of sewers, storm drains, catch basins, house drains, etc.,—maintenance of the drainage system and other items in this division are under the direction, supervision and control of the city engineer.

Sewers were petitioned for and constructed during the year in newly laid out streets, where real estate owners commenced extensive building operations.

#### CONSTRUCTION ACCOUNT, STATEMENT OF EXPENDITURES,

1924

Labor (city dept.) . . . . .	\$1,450 26
Labor (contract) . . . . .	2,538 55
Teaming . . . . .	376 64
Materials and Supplies . . . . .	3,683 49
Total Expenditure . . . . .	\$8,048 94
Materials from Stock (1923) . . . . .	315 00

\$8,363.94

#### CLASSIFICATION OF EXPENDITURES

Constructing sewers (separate system) . . . . .	\$1,773 86
Constructing sewers (combined system) . . . . .	1,684 62
Constructing storm drains . . . . .	860 16
Constructing catch basins . . . . .	2,416 88
Constructing new manholes on old sewers . . . . .	549 45
Cost of new work . . . . .	\$7,284 97
Materials for other depts. . . . .	193 99
Materials on hand December 31, 1924 . . . . .	884 98

Total . . . . . \$8,363 94

#### CREDIT

Appropriation . . . . .	\$7,900 00
Balance unexpended, 1923 . . . . .	3,401 85
Received from other depts. . . . .	193 99
Materials on hand January 1, 1924 . . . . .	315 00

Total . . . . . \$11,810 84

Balance unexpended (over to 1925) \$3,446 90

Three new sewers were constructed during the year and also storm drains: a length of 1682 feet (0.32 of a mile) of 10" and 8" pipe, part of the work being done by department labor, the remainder by contract. (See attached tabular statement for 1924, showing itemized account of work.)

The total length of the city's drainage system is 115.661 miles, and the entire cost of construction including catch basins has amounted to about \$1,389,305.00 exclusive of the amount paid to the state for assessments for the construction of the North Metropolitan sewerage system.

The assessments for the Metropolitan sewerage system for the year, 1924, amounted to \$102,039.97, being the city's proportional cost, and the total paid the Commonwealth of Massachusetts for this state sewer amounts to \$1,916,225.03 (1892-1924, both years inclusive.) The total length of the Metropolitan sewerage system mains running through the city is 3.475 miles.

There are within the city's limits thirteen connections with the North Metropolitan state sewerage system, also four outlets through the city of Medford. The locations of the connections of the city's mains with the state sewer are shown in the 1912 report, and details of construction in previous reports.

The 1918 report contains a compiled table of Storm Drains constructed to 1919 showing length, cost, date of construction, district benefited, etc.

Twenty catch basins have been constructed in the highways during the year, making a total of 2,132 basins in the city for storm drainage purposes, constructed and maintained as follows:—

By the city (sewer division):—

Located in streets and subways . . . . .	1,903 basins
Located in city boulevard . . . . .	33 "
Located in parks (18) and other city lots (12) . . . . .	30 "

Total catch basins constructed and maintained by the city . . . . .	1,966
By Boston & Maine Railroad Company on railroad locations . . . . .	36 basins
By State, located in boulevards and highways . . . . .	130 "
	<hr/> 166

Total catch basins in the city for storm drainage purposes . . . . .	2,132
--	-------

The "separate system" sewers should be extended in the older sections of the city each year, as the appropriation will allow, and storm drains completed in certain localities as previously recommended:—especially in the North Somerville District, where the discharge is across the boundary line into City of Medford territory, including Morrison Avenue—High-

land Road area and the B. and M. railroad valley; and at the East Cambridge line extending from the Somerville Avenue sewer and discharging into Miller's River.

No agreement has been reached concerning a new location and size of outlet for discharging storm water into Mystic River, where the Consolidated Rendering Co. has placed filling material in the natural drainage outlet and along the shore of the river.

Sidewalk sewers in Mossland Street should be constructed immediately and sections of the old sewers in Poplar Street and Franklin Avenue reconstructed,—thereby relieving the continuous blocking of house drains in these streets under existing conditions.

The city's drainage system will be greatly improved when all the foregoing changes are made and construction work completed.

Whenever the Ford Motor Co. desire to build on land located between Middlesex Avenue and Mystic River, where one of the city's principal outlets for storm water now exists, the city is to reconstruct said storm drain in another location along Middlesex Avenue and thence discharging into the river—land being given for the widening of said avenue and drain location.

#### MAINTENANCE ACCOUNT, STATEMENT OF EXPENDITURES, 1924

Labor	} includes \$167.52 for other depts. }	\$13,112 56
Teaming		10,825 52
Equipment and supplies		613 33
Repairing property and tools		103 90
Total Expenditure		\$24,655 31

#### CLASSIFICATION OF EXPENDITURES

Maintenance of sewers, including cleaning, flushing, supervision, etc. (115.66 miles)	\$6,783 44
Maintenance of catch basins, cleaning, and flushing, supervision, etc. (1966)	13,386 47
Maintenance of storm water pump, Medford Street	294 24
Changing line and grade and repairing catch basins	883 03
Changing line and grade and repairing man-holes	325 22
Repairing old sewers	719 41
Inspection and location of house drains	865 14
Equipment and supplies	252 17
Repairs of tools and property	103 90



Maintenance of sewer division yards . . . . .	807 85
Telephone (2) . . . . .	66 92
	<hr/>
Total Expenditure . . . . .	\$24,655 31
Labor and teaming charged other dept. . . . .	167 52
Transfer to Parks Maintenance Account . . . . .	500 00
	<hr/>
	\$25,155 31

## CREDIT

Appropriation . . . . .	\$25,000 00
Received from other dept's (work done) . . . . .	167 52
	<hr/>
	\$25,167 52
	<hr/>
Balance unexpended . . . . .	\$ 12 21

Value of tools and property on hand, maintenance of Sewers, \$2,000.00.

A permanent force of men, varying in number from eight to thirteen per week, and teams are kept continually at work flushing, cleaning and repairing the city's drainage system, catch basins, etc., the expense necessarily increasing yearly as lengths of sewers, storm drains and catch basins are added to the system, and the distance increased to the dumping places, which are fast diminishing, only two being available at present.

This question of scarcity of dumping places has confronted the city for some time and various schemes have been considered for efficient and economical methods of disposal but no feasible plan has been provided.

Approximately 2,950 cubic yards of material have been removed from the catch basins and hauled to dumps during the year, at an average cost of about \$4.50 per cubic yard (\$1.90 removal—\$2.60 teaming) and the average cost per mile for cleaning and flushing the drainage system, including catch basins, has amounted to about \$174.00. There are about twenty catch basins (average) to a mile of roadway in this city and the approximate cost of cleaning, flushing, and general maintenance per basin has been \$6.80 the past year.

An auto-truck cleaning machine for catch basins, of an approved design, could be used advantageously in this city about one-quarter time during the year—the result being speedier cleaning; and at other times utilized in various work in other divisions of the Engineering Department.

A number of repairs have been made on some of the old sewers, alterations made in the outlets and overflows, and extra manholes built for the purpose of improving the system.

Three hundred and six permits have been issued to licensed drain layers for connecting buildings with main sewers



and storm drains; seventy-four being for repairs, alterations or extensions, all of the work being done under the supervision of the city's inspector.

Many of these repairs and alterations were made necessary by the growth of tree roots in the private drain pipe. In several cases, these private drains were relaid with iron pipe and lead joints, which is the type of construction recommended by this department, where drain connections have become stopped on account of tree roots.

Certain persons are licensed as drain layers by the city and are under bonds, for the purpose of laying and repairing these private drains:—none others are permitted to do this work.

Reference to data concerning each drain connection with the public sewer is on file in this office, and time and expense could be saved by the owner, by applying directly to this department for investigation and advice, where trouble exists.

A number of car track catch basins and underground conduit manholes have been connected with the city's drainage system.

There are to date about 17,381 private drain connections with the city's drainage system.

A better system of grease traps should be installed in the premises of some of the larger manufacturing plants and rendering companies to prevent large amounts of grease and waste products from escaping into the city sewer mains and at various times has partially blocked sections of sewers.

## PARKS AND PLAYGROUNDS DIVISION

About eighty-two acres are maintained as parks and playgrounds and approximately a mile of city boulevard; 72 acres are owned by the city and certain areas owned by private parties are turned over to the city for recreation purposes, also satisfactory arrangements have been made for a number of years whereby the city has the use of Tufts College playfields during the summer vacation months.

These areas when completely developed will compare favorably with other cities in the vicinity.

An additional area, situated at the junction of Elm Street, Cherry Street and Sartwell Avenue, containing 89,760 square feet of land has been taken by the city for Playground and other purposes (July 11, 1924.)

An extra appropriation was made for the general improvement of parks and playgrounds, and this should continue each year.

MAINTENANCE ACCOUNTS, STATEMENT OF EXPENDITURES,  
1924

Playgrounds		Parks
\$5,643 76	Labor . . . . .	\$9,194 70
246 88	Teaming . . . . .	573 00
1,032 84	Equipment—Supplies . . . . .	445 34
185 92	Repairing property and tools . . . . .	1,194 67
23 83	Fountains and Bubblers—Maint. (Paid Water Dept.) . . . . .	254 82
	Trees—Shrubs—Plants—Floral Decorations . . . . .	3,672 65
	Flagpoles—Flags—Painting . . . . .	295 95
	Repairing roadways—trimming trees, etc. . . . .	513 06
<hr/> \$7,133 23		<hr/> \$16,144 19
	Total Expenditures . . . . .	

CLASSIFICATION OF EXPENDITURES

Playgrounds and Recreation		Parks
\$1,200 00	Central Hill Park (13.1 acres) . . . . .	\$6,096 80
664 75	Foss Park (formerly Broadway Park) (15.9 acres) . . . . .	1,489 50
	Broadway Parkway (1.6 acres) . . . . .	187 64
1,675 00	Lincoln Park (7.2) acres) . . . . .	1,422 18
163 37	Prospect Hill Park (2.6 acres) . . . . .	2,521 25
27 29	Tufts Park (4.5 acres) . . . . .	1,471 90
	Paul Revere Park (0.02 acres) . . . . .	110 42
	Belmont Street Park (0.4 acres) . . . . .	523 11
	Powder House Boulevard (0.9 mile long) . . . . .	1,326 09
	Powder House Square Parkway (0.1 acre) . . . . .	133 92
	Cemetery, Somerville Avenue (0.7 acre) . . . . .	187 32
168 32	Somerville Field, at Alewife Brook (9.5 acres) . . . . .	
1,178 24	Dilboy Field (formerly part of Somerville Field) at Alewife Brook (5.5 acres) . . . . .	277 21
641 59	Richard Trum Playground, Cedar Street and Broadway (4.3 acres) . . . . .	218 13
14 50	Playground, Glen Street and Oliver Street (1.0 acre + 1.5 acres private land) . . . . .	22 14
445 68	Playground, Kent Street and Somerville Avenue (0.8 acre) . . . . .	78 97
262 60	Playground, Poplar Street and Joy Street (0.5 acre) . . . . .	77 61
7 68	Playground, Beacon Street near Washington Street (0.2 acre) . . . . .	
141 96	Playground, Fellsway East (2.5 acres private land) . . . . .	
	Playground, corner Elm Street—Cherry Street—and Sartwell Avenue (2.1 acres) (New playground acquired 1924) . . . . .	
	Shaw Playground, Broadway at Western Junior High School (2.8 acres) (City Auditor's report—cost of improvement.) . . . . .	
542 25	Tufts College Land, Summer and Winter Playground (5 acres) . . . . .	
<hr/> \$7,133 23		<hr/> \$16,144 19
	Total expenditure, maintenance (81.8 acres) . . . . .	
	72.1 acres city property + 9 acres private land, 0.7 acre cemetery and 0.9 mile boulevard, and 0.54 mile parkway roads . . . . .	

## CREDIT

Playgrounds and Recreation		Parks
	Appropriation for Parks . . . . .	\$13,950 00
\$7,050 00	Appropriation for Playgrounds . . . . .	
83 63	Transfers from other accounts . . . . .	2,195 00
<hr/>		<hr/>
\$7,133 63		\$16,145 00
<hr/>		<hr/>
\$ 40	Balance unexpended . . . . .	\$ 81

The assessments for Metropolitan parks and boulevards for the year 1924 amounted to \$82,008.91 being the city's proportional cost and Somerville's payment to the State on account of the Metropolitan park system amounts to \$1,152,734.08, January 1, 1925.

A special state commission has reported on a route and estimated cost of constructing a boulevard and traffic road, which will probably pass through the easterly part of this city.

A portion of Central Hill park area has been reconstructed and improved in appearance and a certain area is to be used for playgrounds.

New granolithic walks and steps were constructed and the grounds, adjacent to the new city hall, were regraded and the entrance driveway reconstructed.

At Tufts Park a comfort station was installed.

All of the city's playfield areas have been in constant use throughout the year;—special supervision was provided by the Welfare and Recreation Commission during the months of July and August especially for the children's activities, to make the playgrounds popular and successful; a field-day featured the closing of the summer work.

Tufts College playfield was under the city's supervision during the summer,—“twilight baseball” being very popular.

At the enclosed athletic field bordering Alewife Brook, a permanent concrete field house should be constructed with all modern equipment and the remaining area graded as soon as possible; when completed as originally designed the city will own one of the best recreation fields in the vicinity. (In the 1910 report, plan shows proposed complete laying out.)

The city has become so densely populated (averaging nearly 25,000 people a square mile) that some of the larger park areas should be more extensively utilized for public recreation and physical training purposes; on several of the playfields concrete buildings should be constructed and additional apparatus and shelters provided on some of the principal parks and playgrounds for the smaller children's pleasure, where a regular park employee can have the care of the same,

and some of the smaller playground areas should be enclosed by wire fencing for the protection of children.

In certain localities of the city, well-lighted playgrounds, during the summer evenings, should be maintained for the young men and women working in the factories daily.

Previous reports are respectfully referred to for suggestions and recommendations for improvement of park and playground areas.

In connection with the departmental work, the Welfare and Recreation Commission, the Playgrounds Association and Women's Clubs have been of great assistance in advising, directing and promoting the city's welfare. (Details, etc., in Commission's and Association reports.)

(See City Auditor's report for total expenditure by city departments and commissions for recreation and play the past year.)

#### APPENDED TABLE

Annexed to this report is a table giving names of all streets in the city, public and private, lengths, widths, and the total mileage; in the 1910 report, tables were published showing old names of certain streets as formerly known, and the names of public squares in the city.

Respectfully submitted,

ERNEST W. BAILEY,

*City Engineer.*



TABLE SHOWING THE LOCATION, LENGTH AND WIDTH OF PUBLIC AND PRIVATE STREETS.

Street	From	To	Public	Width	Length.	
			or Private.	in Feet.	Public	Private
<b>Abdell</b>	Somerville ave	Southwesterly	Private.	25	.....	203
Aberdeen road	Cedar st.	Highland ave.	Public.	40	449	.....
Aberdeen rd. ex.	Angle	Westerly	Private.	30	.....	67
Acadia pk.	Somerville ave	Northeasterly	Public.	40	256	.....
Adams	Broadway	Medford st.	Public.	40	907	.....
Adelaide rd	Somerville ave	Northeasterly	Private.	20	.....	138
Adrian	Marion st.	Joseph st.	Public.	40	579	.....
Albion pl.	Albion st.	Northeasterly	Private.	10	.....	166
Albion ct.	Albion st.	Southeasterly	Private.	16	.....	116
Albion	Central st.	Cedar st.	Public.	40	2,742	.....
Albion	Broadway	Medford line	Private.	50	.....	100
Albion ter.	Albion st.	Southwesterly	Public.	25	100	.....
Aldersey	Walnut st.	Vinal ave.	Public.	40	508	.....
Aldrich	Pearl st.	B. & L. R. R.	Public.	40	611	.....
††Alewife Brk pky	Mystic Val. pky.	Cambridge line	Public.	.....	4,775	.....
Alfred	Broadway	Medford line	Private.	50	.....	50
Allen	Somerville ave	Charlestown st.	Public.	25	644	.....
Allen ct	Park st.	Northwesterly	Private.	20	.....	150
Alpine	Cedar st.	Southeasterly	Public.	30	667	.....
Alpine	Alpine st.	Lowell st.	Public.	40	688	.....
Alston	Cross st.	Shawmut st.	Public.	40-30	757	.....
Ames	Bartlett st.	Robinson st.	Public.	40	580	.....
Appleton	Willow ave.	Liberty ave.	Public.	40	668	.....
Arlington	Franklin st.	Lincoln st.	Public.	40	452	.....
Arnold ave	Porter st.	Southeasterly	Private.	15	.....	127
Arnold ct.	Beacon st.	Northeasterly	Private.	10	.....	115
Arthur ct.	Linden st.	Easterly	Private.	about 10	.....	100
Arthur	Broadway	Bonair st.	Public.	40	438	.....
Ash ave.	Meacham st.	East Albion st.	Public.	40	554	.....
Ash ave.	East Albion st.	Northeasterly	Private.	40	.....	151
Ashland	Summer st.	Sartwell ave.	Public.	30	478	.....
Atherton	Central st.	Spring st.	Public.	40	741	.....
Auburn ave.	Cross st.	B. & L. R. R.	Public.	30	606	.....
Austin	Broadway	Mystic ave.	Public.	40	716	.....
Autumn	Broadway	Bonair st.	Public.	20	408	.....
Avon	School st.	Central st.	Public.	40	1,360	.....
Avon pl.	Cross st.	B. & L. R. R.	Private.	25	.....	150
Bailey	North st.	West Adams st.	Public.	40	420	.....
Banks	Elm st.	Summer st.	Public.	40	639	.....
Bartlett	Vernon st.	Broadway	Public.	40	1,550	.....
Barton	Broadway	Hamilton road	Public.	40	382	.....
Bay State ave.	Broadway	Foskett st.	Public.	40	1,237	.....
Beach ave.	Webster ave.	Columbia st.	Private.	about 20	.....	200
Beacon pl.	Beacon st.	Northeasterly	Private.	15	.....	200
Beacon	E. Cambridge line	Somerville ave.	Public.	66	6,007	.....
Beacon ter.	Somerville ave.	Northeasterly	Private.	24	.....	110
Bean ter.	Cutter st.	Southeasterly	Private.	16	.....	100
Beckwith circle	Beacon st.	Southwesterly	Private.	28.5	.....	112
Bedford	South st.	Cambridge line	Public.	30	165	.....
Beech	Somerville ave.	Atherton st.	Public.	40	323	.....
Belknap	Broadway	Hamilton road	Public.	40	449	.....
Bellevue ter.	Albion st.	Northeasterly	Private.	20	.....	90
Belmont	Somerville ave	Highland ave.	Public.	40	2,192	.....
Belmont pl.	Belmont st.	Southeasterly	Public.	25	177	.....
Belmont sq.	Belmont st.	Southeasterly	Public.	30	75	.....
Belmont sq.	End of above	N. E. & S. W.	Public.	20	145	.....
Belmont ter.	Belmont st.	Easterly	Private.	15	.....	187
Benedict ave.	Broadway	Benedict st.	Private.	20	.....	200
Benedict	Union st.	Austin st.	Public.	40	585	.....
Bennett ct.	Bennett st.	Prospect st.	Private.	10	.....	100
Bennett	Prospect st.	Bennett ct.	Private.	40 to 25	.....	400
Benton road	Summer st.	Hudson st.	Public.	40	1,208	.....
Berkeley	School st.	Central st.	Public.	40	1,360	.....
Berwick	Hinckley st.	Northwesterly	Private.	20	.....	170
Bigelow	Boston st.	Munroe st.	Public.	50	208	.....
Billingham	Broadway	William st.	Public.	40	563	.....

††Metropolitan Park Commission Boulevard.



Table Showing the Location, Length and Width of Public and Private Streets.—Continued.

Street	From	To	Public or Private	Width in Feet	Length Public	Private
Bishop's pl.	Glen st.	Easterly	Private.	10	....	75
Blakeley ave.	Fellsway east	Cross st.	Private.	40	....	620
Bleachery ct.	Somerville ave.	Fitchburg R.R.	Private.	30	....	450
Bolton	Oak st.	Houghton st.	Public.	40	....	476
Bonair	Cross st.	Walnut st.	Public.	40	1,535	....
Bond	Broadway	Jaques st.	Public.	40	655	....
Bonner ave.	Washington st.	Columbus ave.	Public.	40	376	....
Boston ave.	Medford line	Mystic river	Public.	60	915	....
Boston ave.	Broadway	Medford line	Public.	50	80	....
Boston ave.	Broadway	Highland road	Public.	65	287	....
Boston ave.	Highland road	Prichard ave.	Public.	50	509	....
Boston ave.	Prichard ave.	East to angle in street	Private.	50	....	146
Boston ave.	Angle in st. s'ly	Kidder ave.	Private.	40	....	376
Boston ave.	Kidder ave.	Morrison ave.	Public.	40	649	....
Boston	Washington st.	Prosp't Hill av.	Public.	45	640	....
Boston	Prosp't Hill av.	Walnut st.	Public.	40	1,242	....
Bow	Union sq.	Wesley sq.	Public.	60	558	....
Bow	Wesley sq.	Somerville ave.	Public.	50	570	....
Bowdoin	Washington st.	Lincoln park	Public.	40	341	....
Bowers ave.	Cottage ave.	Elm st.	Private.	24	....	288
Bow St. pl.	Bow st.	Northwesterly	Private.	40	....	300
Bradford ave.	School st.	Southeasterly	Private.	40	....	150
Bradley	Pearl st.	Walter st.	Public.	40	762	....
Braemore road	Broadway	Medford line	Private.	40	....	9
Brastow ave.	Lowell st.	Porter st.	Public.	40	686	....
Bristol road	Broadway	Medford line	Public.	40	146	....
Broadway	Charlest'n line	Cross st.	Public.	100	2,590	....
Broadway	Cross st.	Marshall st.	Pub. 100 to 200	2,060	....	....
Broadway	Marshall st.	Main st.	Public.	100	1,570	....
Broadway	Main st.	Top of hill	Public.	100 to 90	1,030	....
Broadway	Top of hill	Albion st.	Public.	90	2,540	....
Broadway	Albion st.	Willow ave.	Public.	90 to 70	1,030	....
Broadway	Willow ave.	Paulina st.	Public.	70	3,250	....
Broadway	Paulina st.	Arlington line	Public.	65-60-65	3,220	....
Broadway pl.	Broadway	Southwesterly	Private.	22	....	250
Bromfield road	Warner st.	Dearborn road	Public.	40	1,262	....
Brook	Glen st.	Cross st.	Public.	40	504	....
Browning road	Sycamore st.	Central st.	Public.	40	679	....
Buckingham	Beacon st.	Dimick st.	Public.	40	292	....
Buena Vista rd.	Holland st.	Southwesterly	Private.	35	....	276
Burnham	Broadway	Pow. House Bl.	Public.	40	543	....
Burnside ave.	Elm st.	Summer st.	Public.	40	720	....
Cady ave.	Simpson ave.	W. side Corin- thian road	Public.	40	158	....
Cady ave.	Corinthian road	Dead end	Private.	40	....	45
Caldwell ave.	Washington st.	Southerly	Private.	20	....	210
Calvin	Beacon st.	Dimick st.	Public.	40	263	....
Calvin	Dimick st.	Washington st.	Public.	30	392	....
Cambria	Central st.	Benton road	Public.	40	488	....
Cameron ave.	Holland st.	Cambridge line	Public.	60	1,065	....
Campbell pk.	Meacham rd.	Kingston st.	Public.	40	399	....
Campbell Pk. pl.	Kingston st.	Arl'ton Br. R.R.	Private.	20	....	84
Carlton	Somerville ave.	Lake st.	Public.	40	300	....
Carter terrace	Summer st.	Southwesterly	Public.	40	171	....
Caruso pl.	Medford st.	Easterly	Private.	10	....	110
Carver	Porter st.	Northwesterly	Private.	40	....	156
Cedar ave.	Cedar st.	Linden ave.	Public.	22	293	....
Cedar ct.	Cedar st.	Southeasterly	Private.	15+	....	70+
Cedar St. pl.	Murdock st.	Southwesterly	Private.	20	....	378
Cedar St. pl.	Cedar n Elm st.	Southeasterly	Private.	12+	....	80+
Cedar	Elm st.	Broadway	Public.	40	4,137	....
Central road	Central st.	E'ly and N'ly	Public.	40	377	....
Central road	Central road	Sycamore st.	Public.	30 to 15	221	....
Central	Somerville ave.	Summer st.	Public.	33	1,043	....
Central	Summer st.	Medford st.	Public.	40	2,539	....
Central	Medford st.	Broadway	Public.	45	1,079	....
Centre	Albion st.	B. & L. R. R.	Private.	35	....	200
Chandler	Park ave.	Broadway	Public.	40	1,232	....
Chapel	College ave.	Chandler st.	Public.	40	273	....

Table Showing the Location, Length and Width of Public and Private Streets.—Continued.

Street	From	To	Public or Private	Width in Feet	Length.	
					Public	Private
Chapel ct.	Sycamore st.	Northwesterly	Private.	12	....	130
Charles	Washington st.	Southerly	Public.	30	166	....
Charlestown	Allen st.	Merriam st.	Private.	15	....	400
Charnwood rd.	Willow ave.	Hancock st.	Public.	40	539	....
Cherry	Elm st.	Highland ave.	Public.	45	1,450	....
Cherry	Highland ave.	Northeasterly	Private.	45	....	110
Chester	Elm st.	Cambridge line	Public.	40	835	....
Chester ave.	Medford st.	Angle	Public. about 22	220	....	....
Chester ave.	Angle	Cross st.	Public.	20	451	....
Chester pl.	Chester st.	Northwesterly	Private.	40	....	200
Chestnut	Poplar st.	Southeasterly	Public.	40	537	....
Chetwynd road	Curtis st.	West Adams st.	Public.	40	852	....
Church	Summer st.	Lake st.	Public.	40	964	....
City road	Broadway	Cedar st.	Private.	45	....	980
Claremont	Holland st.	Mead st.	Public.	40	560	....
Clarendon ave.	Broadway	Cambridge line	Public.	40	1,217	....
Clark	Newton st.	Lincoln pky.	Public.	35	552	....
Cleveland	Central st.	Harvard st.	Public.	40	459	....
Clifton	Appleton st.	Morrison ave.	Public.	40	200	....
Clifton	Morrison ave.	Arlngtn Br. RR	Private.	40	....	220
Clyde	Cedar st.	Murdock st.	Public.	30	664	....
College ave.	Davis sq.	Medford line	Public.	60	4,080	....
College Ctr.	College av. around	to College av.	Private.	10 and 12	....	284
College Hill rd.	Conwell ave.	North st.	Public.	40	449	....
Columbia	Webster ave.	Cambridge line	Public.	40	816	....
Columbia ct.	Columbia st.	Webster ave.	Private.	9	....	150
Columbus ave.	Washington st.	Walnut st.	Public.	40	1,425	....
Concord ave.	Prospect st.	Wyatt st.	Public.	40	1,483	....
Concord ave.	Wyatt st.	Beacon st.	Public.	30	472	....
Congress pl.	Somerville ave.	Linwood st.	Public.	50	202	....
Conlon ct.	Columbia st.	Easterly	Private.	20	....	200
Connecticut av.	Mystic ave.	Penn. ave.	Public.	40	487	....
Conwell ave.	Curtis st.	North st.	Public.	40	1,346	....
Conwell	Highland ave.	Southwesterly	Public.	35	363	....
Cooney	Beacon st.	Line st.	Public.	30	245	....
Corinthian road	Broadway	Cady ave.	Public.	40	560	....
Cottage ave.	Russell st.	Chester st.	Public.	40	550	....
Cottage circle	Cottage ave.	Southwesterly	Private.	25	....	87
Cottage pl.	Washington st.	Northwesterly	Private. about 11	....	150	....
Craigie	Somerville ave.	Summer st.	Public.	50	1,280	....
Craigie ter.	16 Craigie st.	Westerly	Private.	25	....	126
Crescent	Boston line	Hadley st.	Public 30 and 22	387	....	....
Crescent	Hadley st.	Pearl st.	Public.	30	174	....
Crocker	Highland ave.	Crown st.	Public.	40	528	....
Cross	Medford st.	Broadway	Public.	45	2,680	....
Cross st. (East)	Broadway	Mystic ave.	Public.	40	1,100	....
Cross St. pl.	Cross st.	Northwesterly	Private.	24	....	150
Crown	Porter st.	Lowell st.	Private.	30	....	700
Cummings	Fellsway	Middlesex ave.	Private.	40	....	625
Curtis ave.	Curtis st.	Hillsdale road	Public.	40	654	....
Curtis	Broadway	Medford line	Public.	40	2,357	....
Cutler	Hinckley st.	Northwesterly	Private.	20	....	170
Cutter ave.	Summer st.	Highland ave.	Public.	40	480	....
Cutter pk.	Cutter ave.	Northwesterly	Private.	12	....	83
Cutter	Broadway	Webster st.	Public.	40	730	....
Cypress	Central st.	Beech st.	Public.	40	262	....
Dana	Pearl st.	Bonair st.	Public.	40	696	....
Dane	Somerville ave.	Washington st.	Public.	40	1,341	....
Dane ave.	Dane st.	Leland st.	Public.	30	569	....
Dante terrace	Craigie st.	Westerly	Private.	25	....	125
Dartmouth	Medford st.	Broadway	Public.	40	1,465	....
Day	Elm st.	Cambridge line	Public.	40	908	....
Dearborn road	Boston ave.	College ave.	Public.	50	469	....
Delaware	Pearl st.	Aldrich st.	Public.	40	451	....
Dell	Glen st.	Tufts st.	Public.	40	466	....
Derby	Temple st.	Wheatland st.	Public.	40	1,031	....
Dexter	Broadway	Medford line	Private.	50	....	25
Dickinson	Springfield st.	Beacon st.	Public.	40	770	....
Dickson	Broadway	Fairmount ave.	Public.	40	271	....
Dimick	Concord ave.	Calvin st.	Public.	40	957	....





Table Showing the Location, Length and Width of Public and Private Streets.—Continued.

Street	From	To	Public or	Width in	Length	
			Private	Feet	Public	Private
Fitchburg ct.	Fitchburg st.	Southeasterly	Private.	10	....	225
Fitchburg	Linwood st.	B. & L. R. R.	Private.	40	....	400
Flint ave.	Flint st.	Northerly	Public.	40	202	....
Flint	Franklin st.	Aldrich st.	Public.	40	1,790	....
Florence	Washington st.	Perkins st.	Public.	40	1,304	....
Florence ter.	Jaques st.	Southwesterly	Private.	20	....	90
Forest	Beacon st.	Cambridge line	Public.	40	117	....
Forster	Sycamore st.	Central st.	Private.	30	....	430
Foskett	Willow ave.	Liberty ave.	Public.	40	668	....
Fountain ave.	Cross st.	Glen st.	Public.	30	578	....
Francesca ave.	College ave.	Liberty ave.	Public.	40	762	....
Francis	Porter st.	Conwell st.	Public.	30	180	....
Franklin ave.	Washington st.	Franklin st.	Public.	20	575	....
Franklin pl.	Franklin st.	Southeasterly	Private.	15	....	100
Franklin	Broadway	Washington st.	Public.	40+	2,316	....
Fremont ave.	Bowdoin st.	Lincoln pk.	Public.	30	232	....
Fremont	Main st.	Nr E. Albion st	Public.	40	1,112	....
Fremont	Nr E. Albion st	E. Albion	Private.	40	.....	59
Fremont	E. Albion st.	Northerly	Public.	40	183	.....
Garden ct.	Somerville ave.	Fitchburg R. R.	Private.	25	....	370
Garfield ave.	Broadway	Blakeley ave.	Public.	40	447	....
Garfield ave.	Blakeley ave.	Middlesex ave.	Private.	40	....	983
Garrison ave.	Broadway	Land of City	Public.	40	460	....
		of Camb.				
Garrison ave.	Land City of	Woodstock st.	Private.	40	....	390
	Camb.	(Ext'n)				
George	Broadway	Lincoln ave.	Public.	30	275	....
Gibbens	Central st.	Benton rd, w'ly	Public.	40	665	....
Giles pk.	Walnut st.	Northwesterly	Public.	32.71	167	....
Gill's ct.	Franklin st.	Westerly	Private.	10	....	100
Gilman	Cross st.	Walnut st.	Public.	40	1,430	....
Gilman ter.	Pearl st.	Northeasterly	Public.	40	360	....
Gilson ter.	Linden ave.	Northwesterly	Private.	20	....	124
Glen	Broadway	Tufts st.	Public.	40	2,373	....
Glendale ave.	Cameron ave.	Yorktown st.	Public.	40	410	....
Glenwood road	Vernon st.	Broadway	Public.	40	1,524	....
Glover circle	Meacham road	Southeasterly	Private.	20	....	110
Gordon st.	North st.	Alewife Brk Pky	Public.	40	1,254	....
Gorham	Holland st.	Howard st.	Public.	40	763	....
Gould ave	Porter st.	Southeasterly	Private.	16	....	156
Gove ct.	Cedar st.	Southeasterly	Private.	18	....	144
Grand View av	Walnut st.	Vinal ave.	Public.	40	542	....
Granite	Somerville ave.	Osgood st.	Public.	40	411	....
Grant	Broadway	Mystic ave.	Public.	40	1,405	....
Greene	Summer st.	Laurel st.	Public.	40	555	....
Greenville	Medford st.	Munroe st.	Public.	40	660	....
Greenville ter.	Greenville st.	Northerly	Private.	20	....	250
Greenwood ter.	Beacon st.	Northeasterly	Private.	25	....	165
Gritter way	College ave.	Bromfield rd.	Private.	4	....	160
Grove	Elm st.	Morrison ave.	Public.	40	996	....
Hadley ct.	Franklin st.	Westerly	Private.	16	....	74
Hall ave.	College ave.	Liberty ave.	Public.	40	926	....
Hall	Cedar st.	Cherry st.	Public.	30	456	....
Hamlet	Highland ave.	Boston st.	Public.	30	616	....
Hamilton road	Russell road	North st.	Public.	40	560	....
Hammond	Dickinson st.	Concord ave.	Public.	40	267	....
Hancock	Elm st.	Highland ave.	Public.	40	1,349	....
Hancock	Highland ave.	Lexington ave.	Public.	50	376	....
Hanson ave.	Hanson st.	Easterly	Private.	30	....	252
Hanson	Washington st.	Skehan st.	Public.	30	469	....
Hanson	Skehan st.	Vine st.	Public.	35	347	....
Hardan road	Pow. House Bd.	Ware st.	Private.	20 and 40	....	283
Harding	No. of Ward st.	Cambridge line	Public.	30	465	....
Harold	Dimick st.	Marion st.	Public.	40	316	....
Harold st.	Woods ave.	Medford Line	Private	40	....	248
Harrison	Ivaloo st.	Kent st.	Public.	40	644	....
Harrison	Elmwood st.	Southeasterly	Private.	40	....	210
Harvard pl.	Harvard st.	Westerly	Private.	35	....	200
Harvard	Summer st.	Beech st.	Public.	40	717	....
Hathorn	Broadway	Arlington st.	Public.	40	339	....

Table Showing the Location, Length and Width of Public and Private Streets.—Continued.

Street	From	To	Public or Private	Width in Feet	Length	
					Public	Private
Hawthorne	Willow ave.	Cutter ave.	Public.	30	807	....
Hawkins	Somerville ave.	Washington st.	Public.	40	320	....
Hayden ter.	Linden ave.	Easterly	Private.	20	....	120
Heath	Temple st.	Bond st.	Public.	45	1,043	....
Heath	Bond st.	Moreland st.	Public.	40	754	....
Henderson	Richardson st.	B. & L. R. R.	Public.	20	569	....
Hennessy ct.	Medford st.	Fisk ave.	Private.	20	....	250
Henrietta ct.	Somerville ave.	Northerly	Private.	8 and 20	....	161
Henry ave.	Highland ave.	Lexington ave.	Public.	40	290	....
Herbert	Chester st.	Day st.	Public.	40	337	....
Hersey	Berkeley st.	Oxford st.	Private.	40	....	230
Higgins ct.	Mt. Vernon st.	Westerly	Private.	16	....	149
High	North st.	Alewife Brk Pky	Public.	40	679	....
Highland ave.	Medford st.	Davis sq.	Public.	60	9,135	....
Highland path, east	Morrison ave.	Arlington Br. R. R.	Private.	10	....	107
Highland path, west	Morrison ave.	Arlington Br. R. R.	Private.	10	....	108
†Highland rd.	Morrison ave.	Boston ave.	Pub. 30(70wide)	1,499	....	....
Hill	Broadway	Fairmount ave.	Public.	40	284	....
Hillsdale rd.	Conwell ave.	Sunset rd.	Public.	40	632	....
Hillside ave.	Pearl st.	Southwesterly	Private.	30	....	150
Hillside cir.	Craigie st.	Westerly	Private.	16	....	151
Hillside pk.	Walnut st.	Northwesterly	Public.	40	196	....
Hinckley	Broadway	B. & L. R. R.	Public. 30 and 35	1,081	....	....
Hodgdon pl.	Dane ave.	Northeasterly	Private. about 20	....	150	....
Holland	Davis sq.	Broadway	Public.	60	2,696	....
Holt's ave.	Oak st.	Southeasterly	Private.	10	....	100
Holyoke road	Elm st. around	to Elm st.	Public.	40	637	....
Homer sq.	Bonner ave.	Northwesterly	Public.	30+	200	....
Horace	South st.	Fitchburg R. R.	Public.	30	517	....
Houghton	Springfield st.	Cambridge line	Public.	40	653	....
Howard	Thorndike st.	Gorham street	Public.	40	431	....
Howe	Marshall st.	School st.	Public.	40	445	....
Hudson	Central st.	Cedar st.	Public.	40	2,760	....
Hunting	South st.	Cambridge line	Public.	30	117	....
Ibbetson	Somerville ave.	Lowell st.	Public.	40	802	....
Illinois ave.	Broadway	Penn. ave.	Public.	40	427	....
Indiana ave.	Broadway	Penn. ave.	Public.	40	384	....
Irving	Holland st.	Broadway	Public.	40	1,180	....
Irvington rd.	Mystic Valley Pky.	Medford line	Private.	40	....	484
Ivaloo	Beacon st.	Park st.	Public.	40	685	....
James	Pearl st.	Radcliffe road	Public.	40	320	....
Jaques	Fellsway west	Temple st.	Public.	40	1,182	....
Jaques	Temple st.	Bond st.	Public.	45	1,005	....
Jaques	Bond st.	Edgar ave.	Public.	40	395	....
Jasper pl.	Walnut st.	Easterly	Private.	20	....	80
Jasper	Pearl st.	Gilman st.	Public.	40	283	....
Jay	Holland st.	Howard st.	Public.	40	534	....
Jerome ct.	Sycamore st.	Jerome st.	Private.	10	....	150
Jerome	Montrose st.	Jerome ct.	Private.	20	....	125
Jerome	Lawrence rd.	Mystic Val. py	Private.	40	....	495
Joseph	Newton st.	Lincoln pky	Public.	40	458	....
Josephine ave.	Morrison ave.	Broadway	Public.	45	1,718	....
Joy	Washington st.	Poplar st.	Public.	30	1,121	....
Joy St. pl.	Joy st.	Southwesterly	Private.	16	....	168
Kenneson road	Broadway	Walnut road	Private.	30	....	338
Kensington av.	Broadway	Blakeley ave.	Public.	40	455	....
*Kensington av	Blakeley ave.	Middlesex ave.	Private.	40	....	1,150
Kent ct.	Kent st.	Northerly	Private. about 25	....	420	....
Kent	Somerville ave.	Fitchburg R. R.	Public.	40	292	....
Kent	Fitchburg R. R.	Beacon st.	Public.	25	386	....
Kenwood	College ave.	Billingham st.	Public.	40	322	....
Kidder ave.	College ave.	Boston ave.	Public.	40	2,554	....
Kilby	Somerville ave.	Southwesterly	Private.	20	....	180
Killsyth road	Broadway	Medford line	Private.	40	....	5
Kimball	Lowell st.	Craigie st.	Private.	40	....	302

†Roadway (only) accepted 30 feet wide, full width of street 70 feet.



Table Showing the Location, Length and Width of Public and Private Streets.—Continued.

Street	From	To	Public or	Width in	Length	
			Private	Feet	Public	Private
Kingman road	Washington st.	Fitchburg R. R.	Private.	25	....	400
Kingston	Meacham road	Cambridge line	Public.	40	647	....
Knapp	School st.	Granite st.	Public.	40	379	....
Knowlton	Tufts st.	N'E' line	Est. 37	40	461	....
Knowlton	End of above	Oliver st.	Private.	40	....	464
Lake	Hawkins st.	Church st.	Public.	40	840	....
Lamson ct.	Linwood st.	Poplar st.	Private.	20	....	370
Landers	School st.	Westerly	Public.	40	228	....
Langmaid ave.	Broadway	Heath st.	Public.	30	353	....
Latin way	Professors row	Talbot ave.	Private.	60	....	250
Laurel ave.	Laurel st.	Northwesterly	Private.	18	....	125
Laurel	Somerville ave.	Summer st.	Public.	40	983	....
Laurel ter.	Laurel st.	Southeasterly	Private.	23	....	256
Lawrence road	Medford line	Mystic Val. py	Private.	40	....	585
Lawson ter.	Putnam st.	Easterly	Private.	5	....	200
Lee	Medford st.	Richdale ave.	Public.	40	385	....
Leland	Washington st.	Dane ave.	Public.	40	359	....
Leon	Concord ave.	Dickinson st.	Public.	40	155	....
Leonard pl.	Joy st.	Northeasterly	Private.	13+	....	98
Leonard	Broadway	Pow. House Bd.	Public.	40	450	....
Lesley ave.	Highland ave.	Lexington ave.	Public.	40	333	....
Leslie pl.	Highland ave.	Northerly	Private.	12	....	75
Lester ter.	Meacham road	Northwesterly	Private.	20	....	190
Lewis	Magnus ave.	Deadend	Public.	40	416	....
Lexington ave.	Willow ave.	Hancock st.	Public.	50	624	....
Lexington ave.	Hancock st.	Angle	Public.	45 to 40	147	....
Lexington ave.	Angle	Cedar st.	Public.	40	578	....
Liberty ave.	Broadway	Appleton st.	Public.	40	1,493	....
Liberty rd.	Morrison ave.	Liberty ave.	Private.	16	....	200
Lincoln ave.	Lincoln st.	Mt. Vernon st.	Public.	30	478	....
Lincoln pkwy	Washington st.	Perry st.	Public.	40	1,520	....
Lincoln pl.	Lincoln ave.	Northerly	Private.	9	....	120
Lincoln	Broadway	Perkins st.	Public.	40	550	....
Linden ave.	Elm st.	Cedar ave.	Public.	45	1,413	....
Linden circle	Linden ave.	Southeasterly	Private.	24	....	120
Linden pl.	Linden ave.	Northwesterly	Private.	20	....	160
Linden	Somerville ave.	Charlestown st.	Public.	33	587	....
Line	Washington st.	Cambridge line	Public.	33	1,727	....
Linehan ct.	Linwood st.	Chestnut st.	Private.	about 15	....	200
Linwood pl.	Linwood st.	Southwesterly	Private.	about 12	....	150
Linwood	Washington st.	Fitchburg st.	Public.	50	2,114	....
London	Linwood st.	B. & L. R. R.	Private.	40	....	340
Loring	Somerville ave.	Osgood st.	Public.	40	413	....
Louisburg pl.	Autumn st.	Easterly	Private.	13	....	90
Lovell	Broadway	Electric ave.	Public.	40	385	....
Lowden ave.	Broadway	Foskett st.	Public.	40	1,247	....
Lowell	Somerville ave.	Summer st.	Public.	36	1,259	....
Lowell	Summer st.	Medford st.	Public.	40	3,472	....
Lowell circle	Lowell st.	Westerly	Priv. 11 and 27.5	....	....	143
Lowell ter.	Lowell st.	Northwesterly	Private.	20	....	150
Madison	School st.	Sycamore st.	Public.	40	891	....
Magnus ave.	Washington st.	Lewis st.	Public.	40	429	....
Magnus ave.	Lewis st.	Southerly	Private.	40	....	80
Main	Broadway	Medford line	Public.	50	966	....
Maine ave.	Mystic ave.	Penn. ave.	Public.	40	379	....
Maine ter.	Maine ave.	Southeasterly	Public.	32	205	....
Mallet	Willow ave.	Liberty ave.	Public.	40	657	....
Malloy ct.	Somerville ave.	Merriam ave.	Private.	30	....	255
Malvern ave.	Cameron ave.	Yorktown st.	Public.	40	410	....
Mansfield	Somerville ave.	Washington st.	Public.	40	735	....
Maple ave.	School st.	Southeasterly	Public.	40	319	....
Maple pl.	Marshall st.	Maple ave.	Private.	5	....	125
Maple	Poplar st.	Medford st.	Public.	30	699	....
Mardel circle	Spring st.	Northwesterly	Private.	8	....	140
Marion	Concord ave.	Dimick st.	Public.	40	1,141	....
Marshall	Broadway	Pearl st.	Public.	40	1,650	....
Mason	Broadway	Pow. House Bd.	Public.	40	681	....
May pl.	Hawkins st.	Easterly	Private.	12	....	100

Table Showing the Location, Length and Width of Public and Private Streets.—Continued.

Street	From	To	Public or Private	Width in Feet	Length	
			Public Private	Public	Private	
McCarroll ct.	Clyde st.	Southwesterly	Private.	25	....	75
McGregor ave.	Wigglesworth st.	Walnut st.	Private.	13	....	302
Meacham road	Dover st.	Cambridge line	Public.	40	1,060	....
Meacham	Mt. Vernon ave.	Medford line	Public.	40	777	....
Mead st.	Moore st.	N'r Cameron av	Public.	40	345	....
Mead st.	End of above	Cameron ave	Private	40	....	95
Medford	Cambridge line	Central st.	Public.	50	8,047	....
Medford	Central st.	Broadway	Public.	55	1,985	....
Melvin	Broadway	Bonair st.	Public.	40	487	....
Merriam aye.	Merriam st.	Malloy ct.	Private.	15	....	255
Merriam	Washington st.	Somerville ave.	Public.	40	360	....
Merriam	Somerville ave.	Charlestown st.	Public.	30	510	....
Michigan ave.	Broadway	Penn. ave.	Public.	40	470	....
†Middlesex ave.	Mystic ave.	Fellsway	Public.	60	2,304	....
Milk pl.	Somerville ave.	Southwesterly	Private.	about 30	....	100
Miller st.	Sacramento st	Beacon st.	Public.	30-33	466	....
Milton	Orchard st.	Cambridge line	Public.	40	223	....
Miner	Vernon st.	Ames st.	Public.	40	244	....
Minnesota ave.	Broadway	Penn. ave.	Public.	40	525	....
Mondamin ct.	Ivaloo st.	Harrison st.	Private.	25	....	250
Monmouth	Central st.	Westerly	Public.	40	267	....
Monmouth	End of above	Harvard st.	Private.	35	....	200
Montgomery av.	Broadway	Wellington ave.	Public.	40	265	....
Montrose ct.	Montrose st.	B. & L. R. R.	Private.	12	....	110
Montrose	School st.	Sycamore st.	Public.	40	886	....
Moore	Holland st.	Mead st.	Public.	40	695	....
Moreland	Main st.	Mystic ave.	Public.	40	1,471	....
Morgan	Beacon st.	Park st.	Public.	40	377	....
Morrison ave.	Cedar st.	Willow ave.	Public.	50	1,366	....
Morrison ave.	Willow ave.	College ave.	Public.	40	1,690	....
Morrison pl.	Morrison ave.	Northerly	Private.	20	....	190
Morrison pl.	Morrison pl.	Easterly	Private.	15	....	175
Mortimer pl.	Marshall st.	Easterly	Private.	20	.....	172
Morton	Glen st.	Knowlton st.	Public.	40	287	....
Mossland	Somerville ave.	Elm st.	Public.	40	377	....
Mountain ave.	Porter st.	nr Linden ave.	Public.	22	280	....
Mousal pl.	No. Union st.	B. & M. R. R.	Private.	20	....	200
Mt. Pleasant ct.	Perkins st.	Southwesterly	Private.	40	....	260
Mt. Pleasant	Broadway	Perkins st.	Public.	33	584	....
*Mt. Vernon av.	Meacham st.	Mystic ave.	Private.	50	....	764
Mt. Vernon	Washington st.	Pearl st.	Public.	40	600	....
Mt. Vernon	Pearl st.	Perkins st.	Public.	50	473	....
Mt. Vernon	Perkins st.	Broadway	Public.	40	590	....
Munroe	Walnut st.	Easterly	Public.	40	375	....
Munroe	End of above	Boston st.	Public.	50	1,214	....
Murdock	Cedar st.	Clyde st.	Public.	30	853	....
Murray st.	Washington st.	Southerly	Public.	30	190	....
Museum	Beacon st.	Cambridge line	Public.	40	164	....
Myrtle ct.	Myrtle st.	Easterly	Private.	10	....	100
Myrtle pl.	Myrtle st.	Westerly	Private.	20+	....	120
Myrtle	Washington st.	Perkins st.	Public.	40	1,423	....
Mystic ave.	Charlestown line	Union st.	Public.	60	378	....
††Mystic ave.	Union st.	Medford line	Public	66	6,938	....
Mystic	Benedict st.	Mystic ave.	Public.	40	336	....
†Mystic Valley Parkway	Medford line	Arlington line	Public.	60	2,530	....
Nashua	Richardson st.	B. & L. R. R.	Public.	35	637	....
Nevada ave.	Village st.	Hanson st.	Private.	20	....	200
Newberne	Appleton st.	Morrison ave.	Public.	40	200	....
Newberne	Morrison ave.	Arlington Br. R. R.	Private.	40	....	173
Newbury park	Newbury st.	Southeasterly	Private.	55	....	68
Newbury	Holland st.	Cambridge line	Public.	40	1,260	....

\*Proposed.

††State Highway Austin St. to Medford line.

†State Highway.

‡Metropolitan Park Commission Boulevard.

Table Showing the Location, Length and Width of Public and Private Streets.—Continued.

Street	From	To	Public or Private	Width in Feet	Length	
					Public	Private
N. Hampshire ave.	Mystic ave.	Penn. ave.	Public.	40	406	....
Newman pl.	Cedar st.	Southeasterly	Private.	15	....	100
Newton pl.	Newton st.	Easterly	Private.	about 10	....	100
Newton	Prospect st.	Webster ave.	Public.	25	470	....
Newton	Webster ave.	Concord sq.	Public.	40+	637	....
Norfolk	Webster ave.	Cambridge line	Public.	40	283	....
North	Broadway	Medford line				
		b. 17	Public.	40	1,961	....
North	Medford line	Medford line				
	b. 17	b. 18	Public	37 to 42	649	....
North Union	Mystic ave.	Northeasterly	Private.	30	....	600
Norton	Nashua st.	Southeasterly	Private.	20	....	200
Norwood ave.	Broadway	Medford st.	Public.	40	350	....
Oak Circle	Cambridge line	Northerly	Private.	30	....	35
Oak	Prospect st.	Angle	Public.	40	665	....
Oak	Angle	Cambridge line	Public.	30	563	....
Oak St. pl.	Oak st.	Northerly	Private.	4	....	85
Oak ter.	Elm st.	Northeasterly	Private.	10+	....	90
Oakland ave.	Marshall st.	School st.	Public.	40	440	....
Olive ave.	Linden ave.	Peterson ter.	Private.	25	....	155
Olive sq.	Lake st.	Southerly	Private.	about 15	....	100
Oliver	Franklin st.	Cross st.	Public.	40	1,085	....
Orchard	Cambridge line	Meacham road	Public.	40	1,567	....
Osgood	Granite st.	E'ly & w'ly	Private.	40	....	450
Ossipee road	Mason st.	Curtis st.	Public.	40	1,375	....
Otis	Cross st.	Wigglesworth st.	Public.	40	1,200	....
Oxford	School st.	Central st.	Public.	35	1,361	....
Oxford	Beacon st.	Cambridge line	Public.	50	100	....
Packard ave.	Broadway	Professors row	Public.	60	1,758	....
Packard ave.	Professors row	Medford line	Private.	60	....	240
Palmer ave.	Franklin st.	Northwesterly	Private.	20	....	200
Park ave.	College ave.	Wallace st.	Public.	40	467	....
Park pl.	Laurel st.	Easterly	Private.	30	....	522
Park pl.	Park pl.	Northeasterly	Private.	20	....	120
Park	Somerville ave.	Beacon st.	Public.	50	1,238	....
Parkdale	Washington st.	Lewis st.	Public.	40	500	....
Parker pl.	Porter st.	Northwesterly	Private.	20	....	150
Parker	Washington st.	Fremont ave.	Public.	35	203	....
Partridge ave.	Vernon st.	Broadway	Public.	40	1,467	....
Patten ct.	Cutter st.	Southeasterly	Private.	8	....	100
Paulina	Broadway	Holland st.	Public.	40	769	....
Pearl	Crescent st.	Mt. Vernon st.	Public.	37	341	....
Pearl	Mt. Vernon st.	Franklin st.	Public.	50	957	....
Pearl	Franklin st.	Cross st.	Public.	40	1,060	....
Pearl	Cross st.	Medford st.	Public	50	2,447	....
Pearl St. pl.	Pearl st.	Northeasterly	Public.	20	166	....
Pearl ter.	Pearl st.	Northerly	Private.	23	....	161
Pearson ave.	Morrison ave.	Boston ave.	Public.	45	1,320	....
Pearson road	Broadway	Dearborn road	Public.	40	1,713	....
Pembroke ct.	Pembroke st.	Southwesterly	Private.	25	....	130
Pembroke	Central st.	Sycamore st.	Public.	40	430	....
Penn. ave.	Broadway	Wisconsin ave.	Public.	50	1,112	....
Penn. ave.	Wisconsin ave.	Cross st.	Public.	40	350	....
Perkins pl.	Perkins st.	Northeasterly	Private.	20	....	200
Perkins	Franklin st.	Charlest'n line	Public.	40	1,336	....
Perry	Washington st.	Lincoln pkway	Public.	40	606	....
Peterson ter.	Porter st.	Olive ave.	Private.	7.5	....	155
Philips pl.	Spring st.	Westerly	Private.	15+	....	100
Pinckney pl.	Pinckney st.	Southeasterly	Private.	24	....	125
Pinckney	Washington st.	Perkins st.	Public.	40	1,186	....
Piper ave.	Cedar st.	Westerly	Private.	20	....	91
Pitman	Beech st.	Spring st.	Private.	30	....	377
Pitman	Spring st.	Belmont st.	Private.	26	....	390
Pleasant ave.	Walnut st.	Vinal ave.	Public.	40	543	....
Poplar ct.	Poplar st.	Southeasterly	Private.	10	....	80
Poplar	Somerville ave.	Linwood st.	Public.	30	351	....
Poplar	Linwood st.	Joy st.	Public.	35	315	....
Poplar	Joy st.	B. & L. R. R.	Private.	35	....	65
Porter ave.	Porter st.	Northwesterly	Private.	20	....	220



Table Showing the Location, Length and Width of Public and Private Streets.—Continued.

Street	From	To	Public or Private	Width in Feet	Length Public	Private
Porter	Elm st.	Mountain ave.	Public.	45	1,622	....
Porter	Mountain ave.	Highland ave.	Public.	40	415	....
Powder house boulevard	Powder house square	Alewife Brook Parkway	Public.	80	4,560	....
Pow. house ter.	Kidder ave.	Liberty ave.	Public.	40	585	....
Prentiss	Beacon st.	Cambridge line	Private.	35	....	150
Prescott	Summer st.	Highland ave.	Public.	50	1,110	....
Preston road	School st.	Summer st.	Public.	40	839	....
Prichard ave.	Morrison ave.	Boston ave.	Public.	40	1,191	....
Princeton	Alpine st.	Lowell st.	Public.	40	648	....
*Princeton	Lowell st.	Centre st.	Private.	40	....	540
Professors row	College ave.	Curtis st.	Public.	40	2,000	....
Proposed	Fellsway	Middlesex ave.	Private.	40	....	195
Proposed	Fellsway	Middlesex ave.	Private.	40	....	315
Proposed	Fellsway	Middlesex ave.	Private.	40	....	340
Prospect	Washington st.	Cambridge line	Public.	50	2,071	....
Prosp't Hill av.	Medford st.	Munroe st.	Public.	40	597	....
Prosp't Hill pky	Munroe st.	Stone ave.	Public.	40	400	....
Prospect pl.	Prospect st.	Newton st.	Private.	20	....	130
Putnam	Summer st.	Highland ave.	Public.	50	1,262	....
Quincy	Somerville ave.	Summer st.	Public.	40	781	....
Radeliffe road	Walnut st.	Bradley st.	Public.	35	392	....
Radeliffe road	Bradley st.	Marshall st.	Public.	40	261	....
Randolph pl.	Cross st.	Westerly	Private.	15	....	244
Raymond ave.	Curtis st.	North st.	Public.	40	1,345	....
Record ct.	Broadway	Southwesterly	Private.	10	....	110
Reed's ct.	Oliver st.	Southwesterly	Private.	20	....	71
Remick ct.	Cutter st.	Southeasterly	Private.	10	....	100
Rhode Is. ave.	Mystic ave.	Penn. ave.	Public.	40	460	....
Richardson	Lowell st.	Hinckley st.	Public.	35	467	....
Richardson ter.	Richardson st.	Northeasterly	Private.	20	....	135
Richdale ave.	School st.	Sycamore st.	Public.	40	875	....
Roberts	Hinckley st.	Northwesterly	Private.	20	....	170
Robinson	Central st.	Bartlett st.	Public.	40	532	....
Rogers ave.	Morrison ave.	Boston ave.	Public.	45	1,682	....
Roland	Waverly st.	Boston line	Private.	40	....	100
Rose	Washington st.	Lewis st.	Public.	40	450	....
Roseland	Beacon st.	Cambridge line	Public.	40	121	....
Rossmore	Somerville ave.	Washington st.	Public.	40	534	....
Royce pl.	Bonair st.	Northeasterly	Private.	15+	....	175
Rush	Broadway	Flint st.	Public.	40	1,400	....
Russell rd.	Broadway	N. line Hamil- ton rd.	Public.	40	559	...
Russell rd.	N. Line Ham- ilton rd.	Northerly	Private.	40	....	75
Russell	Elm st.	Cambridge line	Public.	40	700	....
Sacramento	Somerville ave.	Fitchburg R. R.	Public.	40	80	....
Sacramento	Fitchburg R. R.	Beacon st.	Public.	40	290	....
Sacramento	Beacon st.	Cambridge line	Public.	40	154	....
Sanborn ave.	Warren ave.	Walnut st.	Public.	40	280	....
Sanborn ct.	Washington st.	Northwesterly	Private.	30	....	176
Sargent ave.	Broadway	Walnut st.	Public.	40	1,075	....
Sartwell ave.	Cedar st.	Cherry st.	Public.	35	427	....
Sawyer ave.	Packard ave.	Curtis st.	Private.	40	....	690
School	Somerville ave.	Highland ave.	Public.	40	1,901	....
School	Highland ave.	Broadway	Public.	50	2,500	....
Sellon pl.	Marshall st.	Northwesterly	Private.	12	....	120
Seven Pines av.	Cameron ave.	Cambridge line	Public.	40	92	....
Sewall ct.	Sewall st.	Southwesterly	Private.	25	....	190
Sewall	Grant st.	Temple st.	Public.	40	615	....
Shawmut	Washington st.	Cross st.	Public.	40	575	....
Shedd	Somerville ave.	Merriam ave.	Private.	40	....	310
Sherman ct.	Sargent ave.	Marshall st.	Private.	10	....	250
*Shore Drive and streets	Fellsway Walker Property	Mystic ave.	Private	40	....	2,036
"A" street	Fellsway	Shore drive	Private.	40	....	1,552
"B" street	Fellsway	Shore drive	Private.	40	....	1,420
"C" street	Fellsway	Shore drive	Private.	40	....	1,291
"D" street	Fellsway	Shore drive	Private.	40	....	1,129
"E" street	Fellsway	Shore drive	Private.	40	....	1,432

\*Proposed.



Table Showing the Location, Length and Width of Public and Private Streets.—Continued.

Street	From	To	Public or	Width in	Length
				Feet	Public Private
"F" street	Fellsway	Shore drive	Private.	40	..... 1,399
"G" street	Shore drive	"E" street	Private.	40	..... 276
"H" street	Shore drive	"E" street	Private.	40	..... 244
Sibley st.	Cutter st.	Northwesterly	Private.	10	.... 100
Sibley pl.	Cutter st.	Northwesterly	Private.	10	.... 100
Simpson ave.	Broadway	Holland st.	Public.	40	1,018 ....
Skehan	Dane st.	Hanson st.	Public.	30	.... 306
Skehan	Hanson	Durham	Private.	30	.... 414
Skilton	Pearl st. around	to Pearl st.	Private.	40	.... 540
Smith ave.	Beacon st.	Line st.	Private.	25+	.... 200
Snow ter.	Jaques st.	Southwesterly	Private.	16	.... 120
Somerville ave.	E. Camb. line.	Union sq.	Public.	75	4,325 ....
Somerville ave.	Union sq.	N. Camb. line	Public.	70	6,793 ....
South	Medford st.	Water st.	Public.	30	.... 989
Spencer ave.	Cedar st.	Hancock st.	Public.	40	.... 727
Spring	Somerville ave.	Summer st.	Public.	40	1,220 ....
Springfield	Concord ave.	Cambridge line	Public.	40	.... 788
Spring Hill ter.	Highland ave.	Belmont st.	Public.	20	.... 673
Stanford ter.	Beacon st.	Northeasterly	Private.	20	.... 200
Steeves circle	Cherry st.	Easterly	Private.	15	.... 120
Sterling st.	North st.	Alewife Brk Pky	Public.	40	.... 813
Stickney ave.	Marshall st.	School st.	Public.	40	.... 458
St. James ave.	Elm st.	Summer st.	Public.	40	.... 488
St. James ave. ext.	Summer st.	Northeasterly	Public.	30	.... 125
Stone ave.	Union sq.	Columbus ave.	Public.	40	.... 676
Stone ave.	Columbus ave.	Prospt' Hill py.	Public.	38	.... 107
Stone pl.	Stone ave.	Southeasterly	Public.	30	.... 142
Strathmore rd.	Broadway	Medford line	Private.	40	.... 15
Summer	Bow st.	Elm st.	Public.	45	7,900 ....
Summit ave.	Walnut st.	Vinal ave.	Public.	45	.... 532
Summit	College ave.	Billingham st.	Public.	40	.... 262
Sunnyside ave.	Walnut st.	Wigglesworth st.	Public.	25 to 35	.... 306
Sunset rd.	Curtis st.	Hillsdale road	Public.	40	.... 656
Sycamore	Broadway	Medford st.	Public.	45	1,275 ....
Sycamore	Medford st.	B. & L. R. R.	Public.	40	.... 667
Sycamore	B. & L. R. R.	Highland ave.	Public.	35	.... 722
Sydney	Grant st.	Temple st.	Public.	40	.... 679
Talbot ave.	Packard ave.	College ave.	Private.	50	.... 1,409
*Tannery Ex.	Cambridge line	Woodstock st. (Ext'n)	Private.	40	.... 160
Taunton	Wyatt. st.	East'y to angle	Private.	30	.... 170
Taunton	Angle	Marion st.	Private.	20	.... 95
Taylor pl.	Somerville ave.	Southerly	Private.	15	.... 200
Taylor	Mystic ave.	Sydney st.	Public.	40	.... 309
Teele ave.	Packard ave.	Curtis st.	Public.	40	.... 685
Temple	Broadway	Mystic ave.	Public.	66	1,637 ....
Tenney ct.	Mystic ave.	Northeasterly	Private.	30	.... 400
Tennyson	Forster st.	Pembroke st.	Public.	40	.... 922
Thorndike	Holland st.	Kingston st.	Public.	40	.... 586
Thorndike	Underpass st.	B. & M. R. R. Arlington Br.	Public.	20	.... 88
Thorpe	Highland ave.	Southwesterly	Public.	30	.... 468
Thurston	Broadway	Richdale ave.	Public.	40	1,660 ....
Timmins pl.	Dane st.	Westerly	Private.	3.5	.... 97
Tower ct.	Tyler st.	Northeasterly	Private.	25	.... 150
Tower	Crown st.	Highland ave.	Public.	40	.... 559
Tremont pl.	Tremont st.	Southeasterly	Private.	about 10	.... 75
Tremont	Webster ave.	Cambridge line	Public.	40	.... 539
Trull	Vernon st.	Medford st.	Public.	40	1,050 ....
Trull lane	Highland ave.	Oxford st.	Private.	15	.... 200
Tufts parkway	College ave.	College ave.	Public.	22	.... 900
Tufts	Washington st.	Cross st.	Public.	40	.... 982
Turner ct.	Franklin st.	Westerly	Private.	20	.... 150
Tyler	Vine st.	Dane st.	Public.	40	.... 404
Union	Broadway	Mystic ave.	Public.	40	.... 345
Union pl.	Linwood st.	Southwesterly	Private.	10	.... 100

\*Proposed.

Table Showing the Location, Length and Width of Public and Private Streets. — Continued.

Street	From	To	Public or Private	Width in Feet	Length Public	Length Private
Upland Park	Main st.	Southwesterly	Private.	20	....	175
Upland road	Curtis st.	Hillsdale road	Private.	40	....	655
Vermont ave.	Mystic ave.	Penn. ave.	Public.	40	438	....
Vernon	Central st.	Glenwood road	Public.	40	764	....
Vernon	Glenwood road.	Partridge ave.	Public.	40 to 30	190	....
Vernon	Partridge ave.	Lowell st.	Public.	30	434	....
Victoria	Broadway	Cambridge line	Public.	40	1,036	....
Villa ave.	Winslow ave.	Arlington Br.				
		R. R.	Private.	35	....	200
Village	Dane st.	Vine st.	Private.	25	....	370
Vinal ave.	Summer st.	Highland ave.	Public.	45	1,425	....
Vinal	Richardson st.	Northeasterly	Private.	20	....	200
Vine ct.	Vine st.	Northwesterly	Private.	25	....	140
Vine	Somerville ave.	Fitchburg R. R.	Public.	40	540	....
Vine	Fitchburg R. R.	Hanson st.	Private.	40	....	222
Vine	Hanson st.	Beacon st.	Public.	30	662	....
Virginia	Aldrich st.	Jasper st.	Public.	40	405	....
Wade ct.	Cedar st.	Westerly	Private.	20	....	180
Waldo ave.	Beacon st.	Dimick st.	Public.	40	277	....
Waldo	Highland ave.	Hudson st.	Public.	40	287	....
Walker	Broadway	Leonard st.	Public.	40	713	....
Wallace	Holland st.	Broadway	Public.	40	1,342	....
Walnut	Bow st.	Broadway	Public.	40	3,948	....
Walnut road	Walnut st.	Kenneson road	Public.	40	270	....
Walter terrace	Walter st.	Southwesterly	Public.	40	222	....
Walter	Walnut st.	about 100 ft N. of Bradley st.	Public.	40	548	....
Ward	Medford st.	Harding st.	Public.	30	433	....
Ware	Curtis st.	Russell rd.	Public.	40	749	....
Warner	Pow. House sq.	Medford line	Public.	60	500	....
Warren ave.	Union sq.	Columbus ave.	Public.	40	663	....
Warren	Medford st.	Cambridge line	Public.	30 to 40	109	....
Warwick place	Warwick st.	Northeasterly	Private.	15	....	150
Warwick	Cedar st.	Warwick pl.	Public.	40	665	....
Washington av.	Washington st.	Northerly	Private.	18	....	350
Washington pl.	Washington st.	Southerly	Private.	about 7.5	....	114
Washington	Charlest'n line	Franklin ave.	Public.	75	1,060	....
Washington	Franklin ave.	Fitchburg R. R.	Public.	60 to 100	3,977	....
Washington	Fitchburg R. R.	Cambridge line	Public.	60	2,344	....
Water	South st.	Northerly	Public.	25	366	....
Waterhouse	Broadway	Cambridge line	Public.	40	937	....
Watson	Broadway	Fairmount ave.	Public.	40	236	....
Waverly	Washington st.	Roland st.	Private.	35	....	200
Webster ave.	Union sq.	Cambridge line	Public.	49.5	1,955	....
Webster	Franklin st.	Cross st.	Public.	40	1,034	....
Wellington ave.	Walnut st.	Montgomery av	Public.	40	215	....
Wellington ave.	Montgomery av.	Easterly	Private.	40	....	85
Wesley pk.	Wesley sq.	Northeasterly	Public.	40	405	....
Wesley	Pearl st.	Otis st.	Public.	40	515	....
West	Hawthorne st.	Highland ave.	Public.	30	192	....
West	Highland ave.	Arlington Br.				
		R. R.	Private.	30	....	266
West Adams	Conwell ave.	Medford line	Public.	40	710	....
Westminster	Broadway	Electric ave.	Public.	40	376	....
Weston ave.	Clarendon ave.	Broadway	Private.	40	....	525
West Quincy	Bailey st.	Medford line	Public.	40	292	....
Westwood road	Central st.	Benton road	Public.	40	489	....
Wheatland	Broadway	Mystic ave.	Public.	40	1,364	....
Wheeler	Pinckney st.	Mt. Vernon st.	Public.	40	269	....
Whipple	Highland ave.	Arlington Br.				
		R. R.	Private.	30	....	318
†White	Elm st.	Cambridge line	Public.	..	307	....
White St. pl.	White st.	Southeasterly	Private.	20	....	200
Whitfield road	Packard ave.	Curtis st.	Public.	40	687	....
Whitman	Mason st.	Packard ave.	Public.	40	632	....
Wigglesworth	Pearl st.	Bonair st.	Public.	40	744	....
William	College ave.	Chandler st.	Public.	40	381	....
William	Broadway	Medford line	Private.	50	....	50

†Sidewalk in Somerville.

Table Showing the Location, Length and Width of Public and Private Streets.—Concluded.

Street	From	To	Public or Private	Width in Feet	Length	
					Public	Private
Williams ct.	Porter st.	Northwesterly	Private.	30	....	154
Willoughby	Central st.	Sycamore st.	Public.	40	427	....
Willow ave.	Elm st.	Broadway	Public.	50	3,534	....
Willow pl.	Cambridge line	South st.	Public.	25	125	....
Wilson ave.	Broadway	B. & L. R. R.	Public.	20	307	....
Wilton	Lowell st.	Hinckley st.	Public.	35	470	....
Winchester	Broadway	Medford line	Private.	40	....	65
Windom	Elm st.	Summer st.	Public.	40	300	....
Windsor road	Willow ave.	Hancock st.	Public.	40	575	....
Windsor	Cambridge Line	Northerly	Public.	40	40	....
Windsor	End of above	Fitchburg R. R.	Public.	27	490	....
Winslow ave.	College ave.	Clifton st.	Public.	40	1,123	....
Winter	College ave.	Holland st.	Public.	30	402	....
Winter Hill cir.	Broadway	Northeasterly	Private.	25	....	177
Winthrop ave.	Mystic ave.	Middlesex ave.	Private.	40	....	583
Wisconsin ave.	Broadway	Penn. ave.	Public.	50	499	....
Woodbine	Centre st.	Westerly	Private.	30	.....	461
Woodbine Ex.	End of above	Lowell st.	Private.	35	.....	212
Woods ave.	North st.	Alewife Brk Pky	Public.	40	1,149	.....
Woodstock	Victoria st.	Alewife brook	Public.	40 to 32	403	....
*Woodstock (Extension)	Victoria st.	Tannery st. (Ext'n.)	Private.	40	....	920
Wyatt circle	Wyatt st. around	Wyatt st.	Private.	20	....	315
Wyatt	Concord ave.	Lincoln pkway	Public	40	496	....
Yorktown	Cambridge line	N. E. line				
	N. E. line	Malvern ave.	Public.	40	294	....
Yorktown	Malvern ave.	Northerly	Private.	40	....	100
Court	39 Adams st.	Southeasterly	Private.	8	....	90
Court	Albion st.	Central st.	Private.	12	....	216
Court	11 Albion st.	Northeasterly	Private.	9	....	178
Court	21 Albion st.	Northeasterly	Private.	10	....	100
Court	292 Broadway	Southwesterly	Private.	15	....	90
Court	612 Broadway	Southwesterly	Private.	20	....	188
Court	Buena Vista rd.	Easterly	Private.	15	....	145
Court	Cambria st.	Northerly	Private.	9	....	59
Court	12 Carlton st.	Southeasterly	Private.	25	....	75
Court	112 Central st.	Northwesterly	Private.	10	....	168
Court	113 Central st.	Southeasterly	Private.	20	....	150
Court	227 Columbia st.	Northwesterly	Private.	10	....	117
Court	Conlon ct.	Windsor st. ex.	Private.	20	....	240
Court	36 Craigie st.	Westerly	Private.	25	....	126
Court	59 Craigie st.	Easterly	Private.	23.63	....	129
Court	58 Dane st.	Easterly	Private.	10	....	70
Court	20 Dimick st.	Southwesterly	Private.	39.25	....	136
Court	91 Franklin st.	Westerly	Private.	12	....	171
Court	35 Lexington ave	Northerly	Private.	21	....	90
Court	66 Lowell st.	Westerly	Private.	25	....	101
Court	78 Lowell st.	Westerly	Private.	25	....	101
Court	101 Medford st.	Easterly	Private.	8	....	75
Court	335 Somerville av	Northerly	Private.	15	....	60
Court	10 Stone ave.	Northwesterly	Private.	20	....	113
Court	Windsor st. ex.	E'ly and W'ly	Private.	20	....	370
Court	Washington ave	Franklin st.	Private.	6	....	95
Court	Irvington rd.	Boston ave.	Private.	20	....	157
	Total				460,215	76,210

\*Proposed.

Public. 87.16 miles [includes 1.406 miles of City Boulevard and Park Roadways, 2.331 miles of State Boulevard (Metropolitan Park Commission), and 1.596 miles State Highway]; private 14.43.

Total length of streets in the city, 101.59 miles.



## REPORT OF COMMISSIONER OF PUBLIC BUILDINGS

City Hall, Somerville, January 1, 1925.

To the Honorable, The Mayor, and the Board of Aldermen of the City of Somerville.

Gentlemen:—

In accordance with the provisions of the City Charter, I submit herewith the annual report of the public buildings department for the year ending December 31, 1924.

The total valuation of the property which is in the custody of the public buildings department is approximately \$4,586,000.00.

The total expenditures for the year 1924 for the care and maintenance of this property was \$241,920.68.

This amount was expended as follows:

	Janitors	Fuel	Light	Care and Repairs	Total
School Bldgs.	\$69,431 00	\$38,702 45	\$10,961 93	\$52,060 42	\$171,155 80
Municipal Bldgs.	5,561 73	356 89	884 07	7,182 47	12,985 16
Polling Places	.....	.....	18 69	1,589 28	1,607 97
Police Bldgs.	2,168 58	1,078 01	873 87	955 70	5,076 16
Fire Bldgs.	1,562 65	3,649 57	3,505 17	1,510 37	10,227 76
Electrical Bldgs.	1,217 93	653 82	45 24	50	1,917 49
Contagious Hosp.	405 05	1,435 20	473 29	1,356 41	3,669 95
Sewer Bldgs.	10 36	86 50	97 68	47 62	242 16
Sanitary Bldgs.	34 44	77 00	232 32	626 40	970 16
Highway Bldgs.	74 98	1,050 29	253 21	1,073 94	2,452 42
City Home Bldgs.	364 94	1,877 44	607 15	711 90	3,561 43
Central Library	3,339 63	1,043 86	1,493 18	6,458 54	12,335 21
W. Br'ch Library	1,481 29	600 54	280 75	281 83	2,644 41
E. Br'ch Library	1,221 29	487 15	133 42	237 10	2,078 96
Union Sq Library	1,221 29	559 48	234 96	139 18	2,154 91
Park Bldgs.	378 00	418 98	221 97	1,000 52	2,019 47
Bathhouse	1,227 28	.....	.....	1,324 47	2,551 75
Bandstand	140 61	.....	.....	155 54	296 15
Water Bldgs.	718 54	536 43	469 36	1,259 03	2,983 36
Totals	\$90,559 59	\$52,613 61	\$20,786 26	\$77,971 22	\$241,920 68

### Inspection of Buildings

The Commissioner of Public Buildings is also the inspector of buildings according to the terms of the charter and as such during the past year has made over 3600 formal inspections of buildings in the process of construction.



The following table shows the number of permits issued for building operations during the year 1924:—

Buildings	WARDS							Totals
	1	2	3	4	5	6	7	
Dwellings . . . . .	44	54	34	29	67	87	81	396
Stores . . . . .	8	7	8	3	6	14	9	55
Dwellings & Stores . . . . .	7	4	1	5	3	2	3	25
Garages . . . . .	43	42	28	32	74	71	196	486
Storage . . . . .	1	8	....	1	2	2	2	16
Manufactories . . . . .	1	....	....	1	2	....	....	4
Sheds . . . . .	6	10	....	1	2	4	3	26
Offices . . . . .	....	1	....	1	....	2	2	6
Stables . . . . .	1	....	....	....	....	....	....	1
Churches . . . . .	....	1	....	....	1	....	1	3
Gasoline Stations . . . . .	1	....	1	2	....	....	....	4
Restaurant . . . . .	1	....	....	1	....	....	1	3
Dance Hall . . . . .	1	....	....	....	1	....	....	2
Shops . . . . .	1	3	....	3	....	1	2	10
Open Air Markets . . . . .	2	....	....	....	....	....	1	3
Theaters . . . . .	....	1	....	....	....	....	....	1
Laundry . . . . .	....	1	....	....	2	....	1	4
Salesrooms . . . . .	....	....	1	....	....	....	1	2
Court House . . . . .	....	....	1	....	....	....	....	1
Bakery . . . . .	....	....	....	....	....	1	....	1
Hospital . . . . .	....	....	....	....	....	1	....	1
Miscellaneous . . . . .	2	....	....	....	1	1	2	6
Torn Down . . . . .	4	6	4	1	6	4	2	27
Totals . . . . .	123	138	78	80	167	190	307	1,083

	Wood	Fire-resisting	Totals
New Buildings . . . . .	133	535	668
Alterations . . . . .	373	23	396
	506	558	1064

Buildings	WARDS							Totals
	1	2	3	4	5	6	7	
Wood . . . . .	66	86	44	38	79	101	91	505
Wood and Stucco . . . . .	1	1	....	....	....	....	1	3
Fire-protected Wood . . . . .	3	3	3	....	1	....	1	11
Brick . . . . .	7	4	7	5	5	5	10	43
Brick and Concrete . . . . .	1	1	....	....	2	1	....	5
Brick and Wood . . . . .	2	1	....	....	....	5	2	10
Brick, Concrete & Wood . . . . .	....	....	....	....	1	....	....	1
Brick and Stone . . . . .	....	....	....	....	1	....	3	4
Brick & Stucco Wood . . . . .	....	....	....	....	....	1	....	1
Cement Blocks . . . . .	35	36	19	34	65	67	171	427
Cement Block & Brick . . . . .	....	....	1	2	1	2	4	10

Buildings	WARDS							Totals
	1	2	3	4	5	6	7	
Cement Block & Wood . . . . .	....	....	....	....	....	....	1	1
Concrete . . . . .	3	2	1	....	5	1	7	19
Concrete & Cement Block . . . . .	2	....	....	....	....	....	....	2
Steel . . . . .	3	4	3	1	7	6	15	39
Sheet Iron . . . . .	....	....	....	....	....	1	1	2
Totals . . . . .	123	138	78	80	167	190	307	1083

The number of plumbing permits issued during 1924 was . . . . .	452
Number of permits for plumbing in new buildings . . . . .	155
Number of permits for plumbing in old buildings . . . . .	297
Number of buildings in which soil pipes were tested . . . . .	368

The total estimated cost of new buildings and alterations during the year 1924 was \$3,604,730.00, while the estimated cost in 1923 was \$3,185,356.00, showing an increase of \$419,374.00.

The total number of permits issued during the year 1924, viz 1083, was 41 more than during the year 1923, when 1042 permits for new buildings and alterations were issued, showing an increase of 4 per cent.

There has been considerable speculative building of dwellings going on this year, or to be exact there were permits issued for 118 new buildings housing 425 families.

Single family houses have been altered into two family houses and some of the larger houses have been altered into small kitchenette suites. These types of alteration demand very careful inspection and supervision by this department and entail considerable more time than new construction.

On September 1, 1918, the Board of Aldermen of the City of Somerville passed an ordinance requiring a fee to be collected for every building permit issued by this department. In accordance with this, fees collected for building permits during the year 1924 amounted to \$3227.00.

The Commissioner has under his charge and direction the work of maintenance and upkeep of the eighty-four public buildings of this City and the grounds in connection therewith, all janitors in the City's employ, a force of mechanics who perform the work of keeping the buildings in repair, the inspection of installation and care of all elevators, the supervision of construction of all new municipal buildings, the maintenance of the public bathing beach and public municipal baths in the Bennett and Bingham Schools, and Lincoln Park.

The various activities in connection with the department work require a vast amount of time and attention in order to keep the property in proper condition for occupancy.

### Coal

As in the past years an invitation was sent out for bids for supplying the necessary tonnage of both Anthracite and Bituminous coal for the city buildings for the winter of 1924 and the spring of 1925.

The contract for both bituminous and anthracite coal was given to the Metropolitan Coal Company of Boston.

The above firm furnished a chemical analysis of the coal which they agreed to supply. A sample from each delivery was sent to the Arthur D. Little Company for analysis and where sample did not equal the required analysis a credit was received.

### Elevators

According to an act of the Legislature, the Building Commissioner is required to have every elevator in the city inspected yearly, and a report of the conditions and necessary repairs made to the Public Safety Department, State House, Boston.

Plans and specifications of all new installations of elevators must be filed in this office and certificates of approval granted by the Commissioner.

During the year 1924, there were 120 elevators inspected and 31 orders for repairs were sent out to concerns, covering 63 elevators.

### School Buildings

The maintenance and care of the school buildings has, as formerly, demanded the most vigilant attention from this department and the appropriation made for that purpose I believe has been expended carefully and judiciously.

Every year, before the summer vacation arrives, this department sends out a blank to be filled in by both the principals and janitors of the school buildings for all requisitions and repairs needed.

These repairs and requests are taken up with the Superintendent of Schools, and taken care of in the order which he suggests so far as the appropriation will allow.

First are taken into consideration the requests and repairs absolutely needed for the opening of schools in the Fall. Then the others are taken up in the order of their importance.

This in itself is a huge task as the wants of every section must be taken into consideration.

This department is pleased to announce the opening of the new Leonard B. Chandler School Building known as the Northern Eastern Junior High School. The Commissioner is justly proud of this school building, it being the only school building of strictly first class construction in the city.

It contains thirty-four class rooms, shops, etc. and an assembly hall with a seating capacity of 900 on the floor and 300 in the balcony.

There is also a large dining hall and kitchen where food supplied to teachers and pupils is prepared and served. This school also contains a model suite where domestic science of the home is taught.

The entire building is equipped with the latest arrangements in schoolhouse electric lighting, and fixtures are of the most modern type.

Complete showerbath arrangements have been installed for both boys and girls, and are equipped with the latest non-scalding arrangements and operated by the attending teachers.

The heating plant is separate from the school building and is equipped with the latest in air washers and air circulating arrangements. This insures each pupil receiving the full amount of clean air at the required temperature per minute. The air is taken from the outside passing through air washer, which removes all impurities and dust, to the large fan which forces the air through the ducts to the class rooms.

The auditorium is equipped with a moving picture booth enclosing a moving picture machine, a spot light machine and a rewinding machine.

This school building is one of the most up to date buildings in the state.

The opening of the new Leonard B. Chandler building necessitated considerable changes in the Forster, Folsom, Southworth and Prescott School buildings formerly occupied by the Northern Junior High and Eastern Junior High Schools.

At the Forster School new furniture was installed of a size suitable for the smaller grades now occupying this building.

The Folsom building was turned over to the Continuation School and furniture installed suitable for their work.

The closing of eight rooms in the Edgerly School owing to the rearrangement of pupils gave us furniture which was installed in the Southworth building.

New furniture was required to equip the Prescott School building owing to size and age of pupils.



The removal of the Continuation School from High School building caused several changes to be made in this school as well as new furniture to be purchased.

Owing to the sale of the house known as the Annie McCarthy Center, on Maple Street the Commissioner fitted up rooms in the basement of the Bennett School where this valuable work is now carried on.

This department has fitted up a new dental laboratory, waiting and milk room in the basement of the Knapp School building on the Adrian Street side. This will take care of a much needed want in this district.

The High School Auditorium, known as the Clayton Ellis Auditorium, has been thoroughly renovated during the past summer. Part of the side and front walls and rear of stage have been paneled with oak paneling, and walls and ceiling tinted. The hall now is in good shape and the work done has met with the approval of teachers and students.

## HEATING

The Commissioner would recommend a system of heat control be put into the High School, also direct radiation installed in that part of High School known as the Latin Annex. The installation of this equipment would mean a great saving of coal as well as avoiding overheated class rooms.

Also the installation of a steam heating system at the Morse School doing away with the seven antiquated furnaces now in use.

## SCHOOL YARDS

The resurfacing of the school yards is another problem of importance to this department.

The yard of the Leonard B. Chandler School on Bradley street side has been entirely resurfaced making a clear, dry, smooth yard for play. A lawn has been laid on the Marshall Street side and is fairly well started.

The grounds of the Shaw playground in the rear of the Zebedee E. Cliff school has been graded and a wall put in on the Broadway side and part of the side on Paulina street.

## Fire Department Buildings

There have been numerous repairs and improvements made in the fire buildings of the city.

I urgently recommend that Engine No. Four building be replaced by a new one as it is in such bad shape that it does not seem wise to spend much on repairs. As a fire station is needed in this

vicinity, I recommend that this station be torn down and a new one built on less valuable land, and this lot sold for commercial purposes. Much of the material in the old building could be made use of in a new one.

### Municipal Buildings

The completion of the remodeled City Hall has given this City a much needed building. We now have a modern fire-protected structure of very pleasing architecture with commodious offices and large vault spaces. This building will house all departments with the exception of the School department which is at present in City Hall Annex.

The building is modern in every way, of first class construction, and built at much less cost than a new building.

Each office is allotted considerable more space than they had in the old quarters to allow for growing conditions.

The Commissioner has purchased much new vault equipment. New furniture has been supplied where needed. Every office has been fitted with a new counter, either metal or wood as the head of each department desired. All old office equipment has been repaired and refinishd making the furniture of each office look like new material.

The removing of the several offices from their temporary quarters back to City Hall, and the fitting up of same has meant considerable work to the Commissioner and his department.

### Libraries

The interior of the Central Library has been thoroughly repainted and redecorated. The appearance is such that it has called forth many favorable comments from both Library Trustees and the public.

The interior of the West Somerville Branch and the Union Square Branch Libraries are in such a condition that the Commissioner hopes to be able to thoroughly renovate them this year.

### Water, Highway and Sanitary Buildings

#### WATER BUILDINGS

Many needed repairs have been made to these buildings and they are now in good shape.

A new storage building has been completed for the storage of valves, hydrants and other fittings. The completion of this building supplies a long felt want in the Water department.

### Hospital

The tuberculosis camp which has been closed for several years was reopened this year for a Preventorium. Many repairs were needed to the plumbing system, and new screens were fitted to the piazza. The interior of the building was painted and tinted, and building put in first class condition so that it may be used another year for the same purposes.

In the Contagious Disease Hospital many needed repairs have been made and the Commissioner hopes to be able to paint a great deal of the interior of the hospital this year.

### City Home

Many much needed repairs have been completed on this building during the past year. The interior of both mens' and womens' dormitories were thoroughly renovated. The matrons quarters papered and painted.

I would recommend the removal of the old wooden fence along the boulevard and the substitution of a chain link wire fence which would make a more sightly fence on this much travelled roadway.

### Police Buildings

The removal of the Courthouse to the new building now nearing completion on Walnut Street will necessitate many changes in this building if it is retained.

The Commissioner questions whether it would not be more profitable to build a new model station in a more central part of the city than to thoroughly renovate this old structure. The present building is in a very bad condition, and a careful study is necessary to adequately plan this building to satisfy the growing need of this very essential department.

### Bath House

The public bathhouse on the **Mystic River at Wellington Bridge** was opened and maintained as usual this year with a good attendance.

About 150 tons of sand were purchased for resanding the beach.

This particular recreation has been a great help to many mothers and children during the hot weather of the past season. It is a common sight to see mothers and children arriving at the beach as early as 9 o'clock with their lunches to spend the entire day.

The attendance at the beach during the warm weather has sometimes exceeded 1000 a day.

#### In General

The Building Commissioner has had the co-operation of all branches of the City Government, including His Honor, the Mayor, the honorable members of the Board of Aldermen and all the city officials, and desires to thank them for their kindly consideration.

Respectfully submitted,

GEORGE L. DUDLEY,

*Commissioner of Public Buildings.*



## REPORT OF THE COMMISSIONER OF ELECTRIC LINES AND LIGHTS

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Somerville, Mass.

January 1, 1925.

To the Honorable, the Mayor and the Board of Aldermen of  
the City of Somerville.

Gentlemen:—

I most respectfully submit my sixteenth annual report as Commissioner of Electric Lines and Lights for the year ending December 31, 1924.

### Inspection of Wiring in Buildings

The inspecting of interior wiring for light, heat and power is a very important part of the work of the electrical department and every effort has been made to have all installations of electric wiring done in a safe and workmanlike manner.

The greater percentage of electrical contractors and wiremen co-operate with the inspection department but there are some of the incompetent and careless workmen who cause considerable trouble. Unapproved wiring and attachments and over-fused cut-outs are to be carefully considered as many fires are directly traced to such conditions.

Having work done by unlicensed wiremen is another source of danger as no permit to do work can be issued to such men and consequently no inspection is called for by them.

With the increased use of electricity for lighting, heating and power great care should be exercised to have everything up to the standard of safety.

Flat irons, washing machines, stoves and heaters must be on separate circuits and not attached to lighting fixtures. If this rule is followed the consumer will not have to call in a repair man so often.

Number of notifications of new work . . . .	3003
Number of inspections of new work . . . .	4801
Number of re-inspections of new work . . . .	459
Number of inspections of old work . . . .	30
Number of defective installations of old work . . . .	10
Number of defective installations remedied . . . .	10
Number of re-inspections of old work . . . .	10
Total number of inspections . . . .	5310
Number of permits issued to the Edison Electric Illuminating Co. for installing meters, lamps, etc. . . . .	6291

### Fire Alarm System

The Fire Alarm System is in excellent condition but some of the older apparatus should be replaced.

326 bell alarms have been received and transmitted during the year.

937 telephone calls for fire were received and fire department sent.

S A. D. T. alarms were received and transmitted.

The central office equipment consists of the following:

- 2—6 circuit operating boards.
- 1—5 circuit tapper board.
- 1—5 circuit gong board.
- 2—16 circuit storage battery charging boards.
- 1-32 circuit protector board.
- 1-12 circuit automatic repeater.
- 1—dial, 4 number manual transmitter.
- 2—5 circuit punching registers.
- 13 punching registers and take up reels.
- 2 automatic time and date stamps.
- 1 master clock.
- 940 cells storage battery.
- 5—10 foot 4 shelf battery racks.
- 4 metropolitan tappers and 2 gongs.

The apparatus outside the central office consists of the following:

- 134 signal boxes.
- 7 tower strikers.
- 45 gongs.
- 10 punching registers.
- 20 tappers.
- 8 private telephones.

About 58½ miles of overhead wires and 80 miles of underground wires. One new box has been installed No. 454

Powder House Boulevard corner Dow Street and one box No. 113 has been discontinued.

9,000 feet of new overhead wire has been run and 17,300 feet of old wire removed.

9,925 feet of underground cable was installed.

#### Police Signal System

The police Signal System is now about 12 years old and begins to show signs of wear and some of the apparatus will have to be replaced.

Some trouble has been found with signal boxes but service has not often been interrupted.

A number of boxes have been overhauled and parts replaced.

A new register and time stamp for the signal desk is necessary.

The system consists of the following:

1—4 circuit police desk.

About 19½ miles of overhead wire.

4 special boxes.

59 street signal boxes.

About 14½ miles of underground cable.

#### Supervision of Poles and Wires on the Streets

The same attention has been given to the condition of poles and wires on the streets as in previous years. A number of defective poles have been replaced by the companies owning same.

New poles have been placed in locations granted for the purpose of supplying lighting and telephone service and abandoned poles have been removed.

	New poles	Re-placed	Re-moved	Re-set
New England Telephone & Telegraph Company	5	9		
Edison Electric Illuminating Co. . . . .	98	51	4	11
Boston Elevated Railway Company . . . . .	3	2	2	
Postal Telegraph Company . . . . .		2		
Permits given to the New England Tel. & Tel. Co. for attachments to the Edison Company's poles . . . . .	100			
Permits given to the Edison Electric Ill. Co. for attachments to the New England Tel. & Tel. Company's poles . . . . .	75			

### Street Lighting

A number of new lights have been added and some have been changed. The lights on Medford Street from Gilman Square to Magoun Square have been changed from 600 C. P. to 1000 C. P. and mounted on underground posts as the entire street is to be cleared of overhead wires.

The number of street lights January 1, 1925 are as follows:

182 Magnetite lights.  
20 —1000 C. P. lights.  
382— 600 C. P. lights.  
129— 125 C. P. lights.  
986— 60 C. P. lights.

### Recommendation

I respectfully recommend that one assistant inspector be employed to enable the department to more thoroughly cover all new and old installations of electrical wiring in the City. This is imperative as the work cannot be done by one man.

### Conclusion

I wish to thank His Honor, the Mayor, the members of the Board of Aldermen and the several departments for the many courtesies received.

Respectfully yours,

WALTER I. FULLER,

*Commissioner of Electric Lines and Lights.*



## REPORT OF THE CITY CLERK

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OFFICE OF THE CITY CLERK,  
January 1, 1925.

To the Honorable, the Mayor and the Board of Aldermen:—

Gentlemen:—The following is respectfully submitted as the fifty-third annual report of the city clerk of the City of Somerville, and is for the year ending December 31, 1924.

The receipts and payments were as follows:—

### Receipts

Balance from year 1923 being for dog licenses issued in December 1923

7 males at \$2.00 . . . . .	\$14 00
1 female at \$5.00 . . . . .	5 00
1 spayed at \$2.00 . . . . .	2 00

21 00

Less city clerk's fees paid to the city treasurer, 9 @ \$.20 . . . . .

1 80

\$19 20

For dog licenses issued in 1924:—

783 males at \$2.00 . . . . .	1,566 00
195 females at \$5.00 . . . . .	975 00
100 spayed at \$2.00 . . . . .	200 00
3 kennel at \$25.00 . . . . .	75 00

2,816 00

For hunting and fishing licenses issued in 1924:—

147 hunting and fishing at \$2.00 . . . . .	294 00
164 hunting and trapping at \$1.50 . . . . .	246 00
5 alien hunting and trapping at \$15.00 . . . . .	75 00
2 trapping at \$.25 . . . . .	50
206 fishing at \$1.00 . . . . .	206 00
4 alien fishing at \$2.00 . . . . .	8 00
1 non-resident fishing at \$2.00 . . . . .	2 00

831 50

Recording mortgages, assignments, etc.

864 papers . . . . .	1,236 68
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Certificates of marriage intentions,—

1283 licenses and 1 duplicate . . . . .	1,284 00
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Furnishing copies of records . . . . .

330 25

Carried forward . . . . .

\$2,850 93

3,666 70

Brought forward . . . . .	\$2,850 93	\$3,666 70
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## Licenses:—

Auctioneers, 33 licenses at \$2.00 . . .	66 00
Billiard and pool tables and bowling alleys, 162 licenses for 104 tables and 58 alleys including 1 table granted in 1923 at \$2.00 . . .	324 00
Drain layers, 6 licenses at \$1.00 . . .	6 00
Drivers, 96 at \$1.00 . . . . .	96 00
Engines and motors,— 17 licenses for 12 motors, 3 boilers and 2 engines including 1 boiler and 2 motors granted in 1923 at \$1.00 . . . . .	17 00
Garages 187 licenses including 11 granted in 1923 at \$2.00 . . .	374 00
Gasoline tanks, 52 licenses including 4 granted in 1923 at \$1.00 . . .	52 00
Hackney carriages, 259 at \$1.00 . . .	259 00
Intelligence offices, 5 at \$2.00 . . .	10 00

## Junk and second hand licenses,—

28 licenses including 3 granted in 1923 at \$10 . . . . .	280 00
17 licenses including 2 granted in 1923 at \$25 . . . . .	425 00
Liquor licenses (third class) 24 includ- ing 1 granted in 1923 at \$1.00 . . .	24 00
Lodging house licenses, 49 including 2 granted in 1923 at \$2.00 . . . . .	98 00
Second hand auto licenses, 38 including 2 granted in 1923 at \$25.00 . . . . .	950 00
Slaughtering, 7 at \$1.00 . . . . .	7 00
Street Musicians, 4 at \$.50 . . . . .	2 00
Victualler licenses, 73 at \$2.00 . . . . .	146 00
Wagons, 63 at \$1.00 . . . . .	63 00
Wagon stands, 15 at \$1.00 . . . . .	15 00
License to operate motor busses 1 at \$25.00 . . . . .	25 00
Storage of rags 1 at \$1.00 . . . . .	1 00

## Permits for projections over sidewalks,

49 permits for 11 electric signs, 15 stationary signs, 6 swing arms, 1 swinging sign, 5 awnings, 1 coal hole, 1 revolving barber pole and 1 marquee including 1 electric sign granted in 1923 at \$1.00 . . . . .	49 00	
Filing Certificates 9 at \$.50 . . . . .	4 50	
Interest on deposits . . . . .	19 40	
Badges . . . . .	4 75	
Witness fees . . . . .	6 00	
Physicians' Registration, 9 at \$.25 . . . . .	2 25	
Miscellaneous . . . . .	5 88	6,182 71
<b>Total receipts . . . . .</b>		<b>9,849 41</b>

## Payments

To Charles E. Hatfield, county treasurer,  
June 1 and December 1, receipts for  
dog licenses from December 1, 1923 to  
November 30, 1924, both inclusive

778 males at \$2.00 . . . . .	\$1,556 00
195 females at \$5.00 . . . . .	975 00
100 spayed at \$2.00 . . . . .	200 00
3 kennels at \$25.00 . . . . .	75 00

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2,806 00

Less city clerk's fees, 1,076 at \$.20 .

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215 20

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2,590 80

2,590 80

To the Commissioners on Fisheries and  
Game, for licenses for hunting and fish-  
ing in 1924,—

147 hunting and fishing at \$2.00 . .	294 00
164 hunting and trapping at \$1.50 . .	246 00
5 alien hunting and trapping at \$15.00 . . . . .	75 00
2 trapping at \$.25 . . . . .	50
206 fishing at \$1.00 . . . . .	206 00
4 alien fishing at \$2.00 . . . . .	8 00
1 non-resident fishing at \$2.00 . .	2 00

---

831 50

Less city clerk's fees 287 at \$.15 and  
242 at \$.25

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103 55

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727 95

To the city treasurer, monthly:—

City clerk's fees for issuing and record-  
ing dog licenses, 1081 at \$.20 . . . . .

216 20

City clerk's fees for issuing and record-  
ing fishing and hunting licenses 287 at  
\$.15 and 242 at \$.25 . . . . .

103 55

All the receipts above specified except  
for dog licenses and hunting and fish-  
ing licenses . . . . .

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6,182 71

6,502 46

Total payments . . . . .

---

9,821 21

Balance, January 1, 1925, being for dog  
licenses issued in December, 1924:—

12 males at \$2.00 . . . . .	\$24 00
1 female at \$5.00 . . . . .	5 00
1 spayed at \$2.00 . . . . .	2 00

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31 00

less city clerk's fees paid to  
the city treasurer 14 at \$.20

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2 80

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28 20

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9,849 41

Licenses and Permits

Besides the licenses mentioned in the foregoing list of receipts, licenses and permits have been granted by the Board of Aldermen, without charge, as follows:—

Children under fifteen to take part in entertainments	4
Operate whippet tank . . . . .	1
Parade in streets, with music, etc. . . . .	11
To hold religious services in streets and squares . . . . .	1
To hold fireworks . . . . .	1
Newsboys . . . . .	13
To move buildings through streets . . . . .	4

Births

1924

Number of births reported by physicians and midwives for 1924

Males . . . . .	1089	
Females . . . . .	952	
		<hr/>
		2041

A canvass of the city is at present being made under the direction of the city clerk as required by section 5, chapter 29, of the Revised Laws, to ascertain the facts required for record relative to children born during the year.

As the information derived from such canvass will not be available in time sufficient for its incorporation in this report, a statement in full of the births of 1924 will be given in the city clerk's report for the year 1925.

1923

The following is a statement in full of the births for 1923.

Number of births (exclusive of still births) in Somerville in 1923 registered . . . . .		1,955
Males . . . . .	996	
Females . . . . .	959	
		<hr/>
		1,955
Born of American parents . . . . .	875	
Born of foreign parents . . . . .	676	
Born of American father and foreign mother . . . . .	182	
Born of foreign father and American mother . . . . .	203	
Born of American mother and father unknown nationality . . . . .	17	
Born of foreign mother and father of unknown nationality . . . . .	2	
		<hr/>
		1,955



Number of still-births in Somerville in 1923 as registered	88
Number of births in other places in 1923 registered . . . . .	685
Number of cases of twins . . . . .	26

## Marriages

Number of intention certificates issued in 1924 (Same as previous year)		1,285
Marriages registered . / . . . . .		1,286
Less than previous year . . . . .		100
Both parties American . . . . .	770	
Both parties foreign . . . . .	240	
American groom and foreign bride . . . . .	133	
Foreign groom and American bride . . . . .	143	
	<hr/>	1,286
First marriage of . . . . .	2,245	
Second marriage of . . . . .	306	
Third marriage of . . . . .	19	
Fourth marriage of . . . . .	2	
	<hr/>	1,286 c'pls

## Deaths

(Exclusive of still-births)

Number of deaths in Somerville in 1924 . . . . .		979
Less than previous year . . . . .		129
Males . . . . .	443	
Females . . . . .	536	
	<hr/>	979
Under ten years of age . . . . .	159	
10 and under 20 years of age . . . . .	27	
20 and under 30 years of age . . . . .	42	
30 and under 40 years of age . . . . .	44	
40 and under 50 years of age . . . . .	68	
50 and under 60 years of age . . . . .	125	
60 and under 70 years of age . . . . .	191	
70 and under 80 years of age . . . . .	206	
80 and under 90 years of age . . . . .	99	
90 years of age and over . . . . .	18	
	<hr/>	979
Age of oldest person deceased . . . . . 99 years		
Born in Somerville . . . . .	180	
Born in other places in the United States . . . . .	430	
Of foreign birth . . . . .	366	
Birthplace unknown . . . . .	3	
	<hr/>	979

Number of deaths in January	.	.	.	98
Number of deaths in February	.	.	.	84
Number of deaths in March	.	.	.	90
Number of deaths in April	.	.	.	91
Number of deaths in May	.	.	.	99
Number of deaths in June	.	.	.	68
Number of deaths in July	.	.	.	80
Number of deaths in August	.	.	.	57
Number of deaths in September	.	.	.	66
Number of deaths in October	.	.	.	72
Number of deaths in November	.	.	.	82
Number of deaths in December	.	.	.	92

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979

The number of still-births during the year was seventy-six. In addition to the above, 254 deaths which occurred elsewhere were recorded in Somerville, almost the entire number of persons deceased having been residents of this city.

## Liquor License Question.

The following is a statement of the votes, during the several years of its submission to the people, on the question of granting licenses for the sale of intoxicating liquors (and certain non-intoxicating beverages) in this city, together with the number of registered voters and the estimated population for each year:—

YEAR.	YES.	NO.	BLANK.	REGISTERED VOTERS.	ESTIMATED POPULATION.
1881	979	1,222		3,678	26,000
1882	627	1,159		3,778	26,500
1883	767	1,343		4,407	27,000
1884	806	1,709		4,470	28,000
1885	428	1,604		3,969	*29,992
1886	214	1,321		4,089	32,000
1887	555	2,427		4,574	34,000
1888	744	2,456		5,399	36,000
1889	635	1,706	335	5,286	39,000
1890	999	2,282	409	5,556	*40,117
1891	1,054	2,598	279	5,938	43,000
1892	1,427	3,288	347	7,587	46,000
1893	1,547	2,654	218	7,943	48,000
1894	1,098	2,869	246	8,007	50,000
1895	1,854	4,708	459	8,410	*52,200
1896	1,466	3,680	332	9,379	54,000
1897	1,626	3,815	486	8,925	56,000
1898	1,595	3,501	486	8,657	57,500
1899	1,892	3,340	374	8,838	60,000
1900	1,660	3,427	321	9,620	*61,643
1901	1,579	3,295	374	9,499	63,500
1902	1,645	3,242	360	10,100	65,000
1903	2,248	4,410	550	11,346	67,000
1904	2,022	4,338	447	11,682	69,500
1905	2,483	4,660	531	11,340	*69,272
1906	2,193	5,204	582	11,571	70,000
1907	1,735	4,591	459	11,558	74,000
1908	1,780	4,760	491	12,777	75,500
1909	1,830	4,601	530	12,479	75,500
1910	1,544	3,968	365	12,522	*77,236
1911	2,193	4,841	492	13,226	80,000
1912	2,421	6,182	546	13,854	81,000
1913	2,348	6,431	550	13,417	82,000
1914	2,178	5,535	488	13,404	85,000
1915	1,705	5,262	379	13,805	*86,854
1916	1,100	4,158	271	14,500	88,000
1917	1,291	3,457	232	13,826	90,000
1918	690	1,935	161	13,477	90,500
1919	2,777	2,297	261	14,810	91,000
1920				27,307	*93,091
1921	5,143	8,751	2,992	27,545	95,000
1922					96,000
1923	7,266	9,822	4,382	28,149	97,000
1924					98,000

\*Census.

## ORDINANCES

Somerville, January 1, 1925.

The following ordinances have been adopted since the printing of the annual reports for the year 1923:—

(Ordinances Nos. 104, 106, 107, 108 and 109)

## ORDINANCE NO. 104

An Ordinance Relative to the Salary of the Mayor.

Be it ordained by the Board of Aldermen of the City of Somerville as follows:—

Section 1. The salary of the Mayor shall hereafter be at the rate of five thousand dollars a year beginning with the next municipal year, to wit, the municipal year nineteen hundred and twenty-four.

Section 2. The Ordinance shall take effect upon its passage.

Approved January 5, 1924.

## ORDINANCE NO. 106

An Ordinance establishing Dover and Day Streets as One Way Streets.

Be it ordained by the Board of Aldermen of the city of Somerville, as follows:—

Section 1. No person shall cause or allow a vehicle other than a vehicle propelled by hand to pass along any portion of Dover street except in a southwesterly direction or along any portion of Day street except in a northeasterly direction.

Section 2. Whoever violates any provision of this ordinance shall be liable to a penalty of not exceeding twenty dollars for each offense.

Section 3. This ordinance shall take effect May 15, 1924.

Approved May 5, 1924.

## ORDINANCE NO. 107

Be it ordained by the board of aldermen of the city of Somerville as follows:—

Section 1. The following orders, rules and regulations are hereby made and adopted relative to the transportation and carriage of passengers for hire by motor vehicles under the provisions of sections 45 to 49 inclusive of chapter 159 of the General Laws of Massachusetts.

Section 2. Every application for a license for the transportation and carriage of passengers as aforesaid shall set forth the name and the place of residence if any, and the place of business of the applicant and shall designate the route over which it is desired to operate and the termini and rates of fare to be charged. Such route and termini and rates of fare may be changed only with the consent of the board of aldermen.



Section 3. A schedule of operation shall be filed with the application for said license and shall provide for the regular operation of such motor vehicle between the termini and over the route to be designated in the license. The licensee shall regularly operate such motor vehicle in substantial accordance with the schedule of operation except in cases of accidents, breakdowns or other emergency and shall always operate the motor vehicle to the terminus of the route before turning around and shall not operate or permit to be operated any motor vehicle elsewhere than on the route stated in the license except in case of emergency. Nothing herein shall be construed to prohibit the operation, in addition to the service described in the schedule, of special or extra trips over said route or portions thereof.

Section 4. Every such license shall be signed by the city clerk. It shall set forth the name of the person, firm or corporation receiving the license and the place of residence, if any, and the place of business of the licensee. A fee of twenty-five dollars shall be paid the city clerk for every such license.

Section 5. No such license shall be issued until the licensee shall have deposited with the city treasurer a bond of a surety company approved by the city treasurer and by said board in accordance with the provisions of section 46 of said chapter 159. The bond shall cover each and every motor vehicle operated by the licensee as follows:

For a vehicle having a seating capacity of five passengers or less, \$10,000.

For a vehicle having a seating capacity of six or more passengers, \$10,000 and \$1,000 additional for each passenger seat in excess of five.

Provided however, that a bond of \$25,000 shall be deemed sufficient to cover all the vehicles operated by any one licensee, or in lieu of such bond an automobile liability insurance policy of the commercial type accompanied by a bond of the licensee, such policy insuring payments to the amount herein specified.

If said board shall at any time, determine that any bond is insufficient, it may require an additional bond.

Section 6. No person shall operate or cause to be operated a motor vehicle for the transportation or carriage of passengers as aforesaid unless said vehicle has been licensed by said board. Every application for such license shall set forth the name and the place of residence, if any, and the place of business of the owner and a description of the vehicle and the number of persons exclusive of the operator which the vehicle is to carry. The description shall state the trade name of the motor vehicle, the type of body, the engine or motor number, the kind of power, the manufacturer's name and number, the year of make and the length of wheel base. No vehicle shall be licensed until it has been inspected by or for the committee on licenses of said board and reported by said committee to be in its opinion safe and suitable.

Section 7. Every license for a motor vehicle shall be signed by the city clerk. It shall set forth the name and the place of residence, if any, and the place of business of the owner and a description of the vehicle similar to that required by section 6. A fee of ten dollars shall be paid the city clerk for every such license for a motor vehicle carrying six passengers or less exclusive of the driver and two dollars additional for each passenger in excess of six which the license authorizes the vehicle to carry, but in no case shall said license fee exceed twenty-five dollars.

Section 8. The license issued for a motor vehicle shall designate the number of passengers, exclusive of the operator, the licensee is authorized to carry in said vehicle, and no person operating said vehicle shall cause or allow more persons to be carried thereon at any time than the number designated in the license or allow any person to stand or sit upon the running board, step, fender, dash or hood thereof or allow any person otherwise to ride on such motor vehicle outside the body thereof; provided, however, that in addition to the number of passengers which said motor vehicle by the terms of its license is permitted to carry, children under seven years of age may be carried therein in arms or seated on the laps of adult persons accompanying them, but no passenger with a child in arms or seated on the lap shall be permitted on any front seat of the vehicle.

Section 9. The licensee shall not reconstruct or materially change a motor vehicle after the license thereof has been issued, without the consent of the board.

Section 10. Change of ownership of such motor vehicle shall operate as a revocation of its license.

Section 11. No person shall operate such motor vehicle on a public way unless he is twenty years of age or older and unless he shall have in his possession a license so to do from said board, which license shall state the name, age, height, weight, color of hair, color of eyes and race of the licensee, his place of residence and the name of his employer, if he operates such motor vehicles as an employee. The license shall be signed by the city clerk. A fee of one dollar shall be paid the city clerk for every such license.

Section 12. Every license issued under these orders, rules and regulations shall be numbered in regular order as issued with a separate series of numbers for each kind of license.

Section 13. No person shall operate or cause to be operated a motor vehicle except between such termini and over such route as shall be specified in the license for such motor vehicle.

Section 14. No person operating such motor vehicle shall charge, demand, collect or receive a greater or less compensation for the transportation of a passenger or for any service in connection therewith than the rate and fare applicable thereto as specified in the license.

Section 15. No person shall operate or cause to be operated such motor vehicle without a printed sign thereon stating the principal streets of the route and termini of the route, the fare to be charged, and the license number, which sign shall be so printed and attached to such motor vehicle as to be plainly visible to persons on the street, or without a printed sign thereon showing the schedule of service filed at the time which sign shall be so printed and so attached to the vehicle as to be plainly visible to passengers entering the vehicle. No other sign except as above provided and the licensee's name shall be placed on the vehicle.

Section 16. No person shall operate or cause to be operated such motor vehicle at any time between one-half hour after sunset and one-half hour before sunrise with the curtains closed or with the body of the vehicle otherwise enclosed, unless the interior of the vehicle is fully lighted.

Section 17. Every such motor vehicle shall be equipped with a horn or other similar warning device and a speedometer, and liquid fire extinguisher all in serviceable condition. Every such motor vehicle shall be supplied with a set of serviceable skid chains, which



shall be placed on the rear wheels when the vehicle is operated in any public way where because of snow or ice or other conditions the use of such chains is reasonably necessary to prevent skidding.

Section 18. No person operating such motor vehicle shall collect fares or make change or take on or discharge a passenger while the vehicle is in motion; nor shall he have a lighted cigarette, cigar or pipe in his possession while any passenger is being carried there nor drink any intoxicating beverage or use morphine, cocaine, opium or other harmful drug of any kind, or be under the influence thereof, while engaged in operating the vehicle.

Section 19. Every licensee shall immediately report fully in writing to the city clerk and the chief of police the time, place and cause of any accident and of any injury to a passenger or other person or to property in which any motor vehicle or operator under his control is involved.

Section 20. No person operating such motor vehicle shall refuse to carry any person offering at a regular stopping place to be carried as a passenger therein, unless the seats are fully occupied or unless such person is intoxicated or disorderly or otherwise for good reason objectionable.

Section 21. No person shall operate such motor vehicles for more than twelve hours in any period of twenty-four hours.

Section 22. No person operating such motor vehicle shall solicit passengers by outcry or by any other noise.

Section 23. No person shall cause or allow such motor vehicle to stand for more than five minutes in any public way except in such place and during such time as may be designated by said board. Said board may designate times and places in public ways in which general street travel will not be materially interfered with for such vehicles to stand and may from time to time change such times and places.

Section 24. No person operating such motor vehicle shall stop the motor vehicle to take on or to discharge a passenger in any public way except at the sidewalk; nor allow any passenger to enter or leave the said motor vehicle except from the side thereof nearest the sidewalk; but this latter provision shall not apply to a passenger on a front seat where the operator's seat is on the side toward the sidewalk.

Section 25. Every person operating such motor vehicle shall fully stop the same immediately before crossing the track of a steam railroad at grade.

Section 26. No person operating a motor vehicle shall place or maintain or allow to be placed or maintained on such vehicle a curtain or other obstruction in such way as to interfere with a view of the interior of the vehicle from outside except when necessary in order to protect passengers from the inclemency of the weather.

Section 27. No person operating a motor vehicle shall require a passenger to pay for hand baggage carried by him more than the amount of fare charged for the transportation of a passenger or require a passenger to pay for hand baggage which is carried by the passenger without inconvenience to other passengers.

Section 28. Every person operating a motor vehicle shall deliver any article left therein by a passenger to the officer in charge of the police station not later than twenty-four hours after finding the same and shall receive a receipt therefor.

Section 29. Whenever in the judgment of said board public convenience and necessity so require the board may grant licenses for the transportation and carriage of passengers for hire by motor vehicles for short periods of time on terms stated in the orders granting the same, subject to provisions of sections 2, 4 and 5 and regardless of the other provisions of these orders, rules and regulations.

Section 30. Nothing in these orders, rules and regulations shall be deemed to apply to motor vehicles used only for sight-seeing purposes.

Section 31. Every license of any kind granted under these orders, rules and regulations shall expire on the first day of May next coming ensuing the date it was granted.

Section 32. Said board may at any time at its discretion for any cause that it may deem sufficient and with or without notice to the licensee revoke or suspend any license of any kind granted under these orders, rules and regulations.

Section 33. These orders, rules and regulations may be added to or otherwise changed from time to time by said board and such additions and changes shall apply to licenses of any kind previously issued as well as to licenses thereafter issued.

Section 34. These orders, rules and regulations shall take effect upon their passage.

Approved June 18, 1924.

#### ORDINANCE NO. 108

##### An Ordinance Relative to Vehicles Standing in Public Places

Be it ordained by the board of aldermen of the city of Somerville as follows:—

Section 1. No person shall cause or allow an automobile or other vehicle to remain standing in a public street or public square at any time between thirty minutes after sunset and thirty minutes before sunrise, unless there is displayed on the front of said automobile or other vehicle a light which shall be visible not less than two hundred feet in the direction toward which said automobile or other vehicle is headed and a light on the rear of said automobile or other vehicle which shall be visible not less than two hundred feet in the opposite direction.

Section 2. No person shall cause or allow an automobile or other vehicle to remain standing in a public street or public square for more than twenty minutes at any time between one o'clock in the morning and thirty minutes before sunrise. The provisions of this section shall not apply to a physician or clergyman while making a professional call or to a licensee of an automobile or vehicle stand while occupying such stand.

Section 3. Whoever violates any provision of this ordinance shall be subject to a penalty not exceeding twenty dollars for each offence.

Section 4. This ordinance shall take effect on its passage.

Approved December 1, 1924.



## ORDINANCE NO. 109

## An Ordinance Establishing Fire Districts

Be it ordained by the board of aldermen of the city of Somerville, as follows:—

Section 1. Fire districts are hereby established in the city of Somerville. Said fire districts shall include those portions of the city described as follows:

Whenever a distance from a street or square is stated such distance is to be measured at right angles to such street or square.

## Fire District No. 1 — Teele Square

Beginning at the junction of the northwesterly side of Cameron avenue and the southwesterly side of Holland street thence the boundary line runs southwesterly on Cameron avenue to a point one hundred feet from Holland street, thence northerly in a line parallel with Holland street and distant one hundred feet therefrom to a point one hundred feet southwesterly from Broadway, thence northwesterly in a line parallel with Broadway and distant one hundred feet therefrom to Waterhouse street, thence northeasterly on Waterhouse street to Broadway, thence easterly across Broadway to the junction of the southeasterly side of North street and the northeasterly side of Broadway, thence northeasterly on North street to a point one hundred feet from Broadway, thence southeasterly in a line parallel with Broadway and distant one hundred feet therefrom to Packard avenue, thence southwesterly on Packard avenue to Broadway, thence in the same line across Broadway to a point one hundred feet southwesterly from Broadway, thence northwesterly in a line parallel with Broadway and distant one hundred feet therefrom to a point one hundred feet northeasterly from Holland street, thence southerly in a line parallel with Holland street and distant one hundred feet therefrom to a point in the line of the northwesterly side of Cameron avenue extended, thence southwesterly in said line to the point of beginning.

## Fire District No. 2 — Davis Square

Beginning at the junction of the northwesterly side of Russell street and the southwesterly side of Elm street thence the boundary line runs southwesterly on Russell street to a point one hundred feet from Elm street, thence northerly in a line parallel with Elm street and distant one hundred feet therefrom to a point one hundred feet southerly from Day street, thence southwesterly in a line parallel with Day street and distant one hundred feet therefrom three hundred feet, thence northerly across Day street and across Dover street to a point one hundred feet northerly from Dover street, thence easterly in a line parallel with Dover street and distant one hundred feet therefrom to a point one hundred feet westerly from Davis square, thence northerly in a line parallel with the westerly side of Davis square and distant one hundred feet therefrom across the railroad location to a point one hundred feet westerly from Holland street, thence northerly in a line parallel with Holland street and distant one hundred feet therefrom to Jay street, thence northeasterly on Jay street to Holland street, thence northeasterly to the junction of the easterly side of Holland street and the southerly side of Simpson avenue, thence northeasterly on Simpson avenue to a point one hundred feet from Holland street, thence southerly in a line parallel with Holland street and distant one hundred feet therefrom to Wal-

lace street, thence easterly to the junction of the easterly side of Wallace street and the southerly side of Park avenue, thence southeasterly along Park avenue to College avenue, thence southeasterly to the junction of the easterly side of College avenue and the southerly side of Winslow avenue, thence southeasterly along Winslow avenue to a point one hundred feet easterly from College avenue, thence southwesterly in a line parallel with and distant one hundred feet from College avenue to a point one hundred feet northeasterly from Highland avenue, thence southeasterly in a line parallel with Highland avenue and distant one hundred feet therefrom to Willow avenue, thence southwesterly along Willow avenue across Highland avenue and along Willow avenue again to a point one hundred feet southwesterly from Highland avenue, thence northwesterly in a line parallel with Highland avenue and distant one hundred feet therefrom to a point one hundred feet easterly from Elm street, thence southerly in a line parallel with Elm street and distant one hundred feet therefrom to a point in the line of the northwesterly side of Russell street extended, thence southwesterly in said line to and across Elm street to the point of beginning.

#### Fire District No. 3 — Highland Avenue

Beginning at a point on the southeasterly side of Willow avenue distant one hundred feet northeasterly from Highland avenue, thence the boundary line runs southeasterly in a line parallel with Highland avenue and distant one hundred feet therefrom to Medford street, thence southwesterly in a line at right angles to Highland avenue to a point one hundred feet southwesterly from Highland avenue, thence northwesterly in a line parallel with Highland avenue and distant one hundred feet therefrom to Willow avenue, thence northeasterly on Willow avenue to the point of beginning.

#### Fire District No. 4 — Union Square

Beginning at a point on the southeasterly side of Granite street one hundred feet northeasterly from Somerville avenue, thence the boundary line runs southeasterly in a line parallel with Somerville avenue and distant one hundred feet therefrom to a line one hundred feet northerly from Bow street, thence easterly and southeasterly in a line parallel with Bow street and distant one hundred feet therefrom to a point one hundred feet northeasterly from Union square, thence in a line parallel with the northerly side of Union square and distant one hundred feet therefrom to a point one hundred feet northerly from Washington street, thence northeasterly in a line parallel with Washington street and distant one hundred feet therefrom to a point in the line of the northwesterly side of Prospect street extended, thence southwesterly in said line to and across Washington street and to and across Somerville avenue to a point distant one hundred feet southwesterly from Somerville avenue, thence northwesterly in a line parallel with Somerville avenue and distant one hundred feet therefrom to a point one hundred feet southerly from the southerly side of Union square, thence westerly in a line parallel with the southerly side of Union square and distant one hundred feet therefrom across Webster avenue to a point one hundred feet westerly from the westerly side of Webster avenue, thence northerly in a line parallel with Webster avenue and distant one hundred feet therefrom to a point one hundred feet southwesterly from Somerville avenue, thence northwesterly in a line parallel with Somerville avenue and distant one hundred feet therefrom to Dane street, thence northeasterly on Dane street to and across Somerville avenue to the point of beginning.



**Fire District No. 5 — Washington Street**

Beginning at the junction of the northwesterly side of Prospect street and the southerly side of Washington street, thence the boundary line runs northeasterly in line with said northwesterly side of Prospect street extended across Washington street to a point one hundred feet northerly from said Washington street, thence easterly and northeasterly in a line parallel with Washington street and distant one hundred feet therefrom to the boundary line between the city of Boston and the city of Somerville, thence southwesterly and southerly along said boundary line to and across Washington street to a point one hundred feet southerly from Washington street, thence westerly in a line parallel with Washington street and distant one hundred feet therefrom to the westerly side of Prospect street, thence northerly along Prospect street to the point of beginning.

**Fire District No. 6 — Broadway**

Beginning at a point on the easterly side of Langmaid avenue distant one hundred feet northeasterly from Broadway, thence the boundary line runs southeasterly in a line parallel with Broadway and distant one hundred feet therefrom to the boundary line between the city of Boston and the city of Somerville, thence southwesterly along said boundary line to and across Broadway to a point one hundred feet southwesterly from Broadway, thence northwesterly in a line parallel with Broadway and distant one hundred feet therefrom to School street, thence northeasterly on School street to Broadway, thence northeasterly across Broadway to the point of beginning.

**Fire District No. 7 — Cross Street**

Beginning at a point on the easterly side of Cross street one hundred feet southerly from Broadway, thence the boundary line runs easterly one hundred feet in a line parallel with Broadway and distant one hundred feet therefrom, thence southerly in a line parallel with Cross street and distant one hundred feet therefrom to Medford street, thence northwesterly on Medford street to a point one hundred feet northwesterly from Cross street, thence northerly in a line parallel with Cross street and distant one hundred feet therefrom to a point one hundred feet from Broadway, thence easterly to the point of beginning.

**Fire District No. 8 — Magoun Square**

Beginning at the junction of the southeasterly side of Cedar street and the southwesterly side of Broadway, thence the boundary line runs northeasterly across Broadway in continuation of the easterly side of Cedar street to the boundary line between the city of Medford and the city of Somerville, thence southeasterly along said boundary line to a point in the line of the westerly side of Partridge avenue extended, thence southwesterly in said line across Broadway and along the westerly side of Partridge avenue to a point one hundred feet southwesterly from Broadway, thence northwesterly in a line parallel with Broadway and distant one hundred feet therefrom to a point one hundred feet northeasterly from Medford street, thence southeasterly in a line parallel with Medford street and distant one hundred feet therefrom to Partridge avenue, thence southwesterly along Partridge avenue to and across Medford street, to a point one hundred feet southwesterly from Medford street, thence northwesterly in a line parallel with Medford street and distant one hundred feet therefrom to a point one hundred feet southwesterly from Broadway, thence northwesterly in a line parallel with Broadway and distant one hundred feet therefrom to Cedar street, thence northeasterly on Cedar street to the point of beginning.

## Fire District No. 9 — Ball Square

Beginning at the junction of the easterly side of Pearson road and the northeasterly side of Broadway, thence the boundary line runs northeasterly at right angles to Broadway to the boundary line between the city of Medford and the city of Somerville, thence southeasterly on said boundary line to the railroad location of the Boston and Maine Railroad southern division, thence southerly on said railroad location to a point one hundred feet southwesterly from Broadway, thence northwesterly in a line parallel with Broadway and distant one hundred feet therefrom to Liberty avenue, thence northeasterly on Liberty avenue to Broadway, thence easterly across Broadway to the point of beginning.

Section 2. The following regulations, restrictions and provisions shall be applicable throughout the territory comprised within each and every fire district.

Section 3. No frame or wooden building or structure shall hereafter be erected within a fire district as established by this ordinance and as may be hereafter established, except temporary one story frame buildings for the use of builders during the erection of a building or structure on the same lot or an adjoining lot and except verandas or balconies, provided that wooden posts supporting the stairs or roofs of such verandas and balconies shall be at least twenty-five square inches in cross section and provided that the roof covering of every structure shall be incombustible.

Section 4. No wooden veranda, balcony or other wooden structure except cornices or temporary buildings above mentioned shall hereafter be erected nearer than ten feet to the line of any adjoining lot or nearer than twenty feet to any frame or wooden building on the same lot.

Section 5. Every building hereafter erected shall have its roof covered with brick, tile, slate, tin, copper, iron, tar gravel not less than three ply, slag or other incombustible roof covering.

Section 6. In all buildings hereafter erected all door and window openings in walls that are less than ten feet distant from the centre of a street or passageway, or the side line of the lot, or from any other wall that has like openings, and openings in walls enclosing air or light shafts, shall have all such openings suitably protected by fire doors or shutters or wired glass and metal frames.

Section 7. No existing frame or wooden building shall be increased in floor area or height.

Section 8. No frame or wooden building shall be moved into a fire district or from one place in a fire district to another place in the same fire district, but a frame or wooden building may be moved from a fire district to territory outside any fire district.

Section 9. No addition and no alteration shall be made to the exterior of a frame or wooden dwellinghouse or other frame or wooden structure for the purpose of adapting it to use for a store, factory, place of storage, stable or junk shop.

Section 10. No frame or wooden building damaged by fire or any other casualty to the extent of more than fifty per cent of its replacement value shall be remodeled, replaced, or repaired in whole or in part by a frame or wooden form of construction.

Section 11. This ordinance shall take effect upon its passage.

Approved December 31, 1924.



## ELECTIONS.

The following is a statement of the votes cast in the several wards of the city for the candidates for the various offices and on the Referendum questions at the State Election held herein, November 4, 1924.

CANDIDATE.	PARTY.	WARDS.							Total.
		1	2	3	4	5	6	7	
PRESIDENT									
Coolidge & Dawes	Republican	1500	571	1933	1783	2726	3167	6126	17806
Davis & Bryan	Democratic	1114	1582	1074	761	1327	1423	1274	8555
Foster & Gitlow	Workers Party	2	3	13	0	0	4	2	24
Johns & Reynolds	Socialist Labor Party	2	3	0	0	3	4	59	71
LaFollette & Wheeler	Independent Progressive Party	473	460	299	316	449	469	535	3001
GOVERNOR									
John J. Ballam	Workers Party	2	5	11	11	10	10	18	67
James M. Curley	Democratic	1721	2384	1515	1147	1956	2148	1975	12846
Alvan T. Fuller	Republican	1517	513	1882	1826	2688	3140	5976	17542
James Hayes	Socialist Labor Party	2	12	0	4	14	8	62	102
Walter S. Hutchins	Socialist Party	5	4	6	5	17	16	13	66
LIEUT. GOVERNOR									
Frank G. Allen	Republican	1468	434	1851	1760	2602	3058	5936	17109
John J. Cummings	Democratic	1580	2254	1392	1057	1764	1947	1726	11720
Arthur A. Cuning	Socialist Labor Party	13	13	3	7	35	16	12	99
Thomas Nicholson	Socialist Party	4	5	7	4	21	25	20	86
Edward Rand Stevens	Workers Party	10	11	7	10	19	18	21	96
SECRETARY									
Frederic W. Cook	Republican	1669	652	2059	1929	2 920	3393	6214	18836
Winfield A. Dwyer	Workers Party	48	58	51	45	42	59	60	363
Samuel Leger	Socialist Labor Party	21	21	12	12	14	20	36	128
H. Oscar Rocheleau	Democratic	1264	1842	1062	794	1341	1487	1239	9029
Edith Williams	Socialist Party	9	7	11	4	29	29	92	181
TREASURER									
Michael L. Eisner	Democratic	1385	1994	1194	885	1519	1692	1505	10174
Patrick H. Loftus	Socialist Labor Party	18	19	12	48	24	34	68	223
Louis Marcus	Socialist Party	14	11	14	8	33	34	31	145
Albert Oddie	Workers Party	15	22	15	13	24	23	41	153
William S. Youngman	Republican	1467	441	1827	1732	2598	3014	5741	16823

CANDIDATE.	PARTY.	WARDS.							Total.
		1	2	3	4	5	6	7	
AUDITOR									
Strabo V. Claggett	Democratic	1546	2069	1503	1127	2036	2153	2397	12831
Alonzo B. Cook	Republican	1303	420	1554	1539	2074	2557	4911	14358
Isidore Harris	Socialist								
	Labor Party	11	22	6	18	35	32	31	155
James J. Lacey	Workers								
	Party	29	49	22	16	36	47	38	236
Dennis F. Reagan	Socialist								
	Party	21	17	17	7	35	42	27	166
ATTORNEY GENERAL									
Jay R. Benton	Republican	1451	478	1843	1765	2522	3040	5907	17106
Harry J. Canter	Workers								
	Party	40	29	20	19	30	31	52	221
Frederick Oelcher	Socialist								
	Labor Party	18	11	7	9	20	19	27	111
John Weaver Sherman	Socialist								
	Party	13	18	10	14	40	38	70	203
John E. Swift	Democratic	1380	1990	1211	876	1526	1720	1434	10137
SENATOR IN CONGRESS									
Frederick H. Gillett	Republican	1183	316	1639	1496	2262	2582	5259	14737
Antoinette F.	Workers								
Knoikow	Party	17	10	3	9	24	21	20	104
David I. Walsh	Democratic	1962	2474	1685	1382	2264	2585	2608	14960
CONGRESSMAN									
Ninth District									
Arthur D. Healey	Democratic	1686	2295	1527	1172	1968	2209	2037	12894
Charles L. Underhill	Republican	1359	414	1755	1645	2452	2842	5645	16112
Harry I. Thayer					1				1
COUNCILLOR 4th District									
Charles Lawrence Burrill	Republican	1391	448	1738	1663	2454	2891	5567	16152
Edward J. Caton	Democratic	1311	1811	1153	814	1459	1609	1474	9631
Charles S. Smith					1				1
SENATOR									
Warren C. Daggett	Republican	1379	602	1685	1647	2241	2812	5356	15722
David J. Kelley	Democratic	1453	1983	1322	943	1895	1844	1751	11191
Charles C. Warren					1				1
REPRESENTATIVES IN GENERAL COURT 23rd District									
William J. Bell	Republican	1407		1750	1753	2650			7560
Francis J. Daley	Democratic	1380		1169	880	1638			5067
Lyman A. Hodgdon	Republican	1362		1573	1573	2246			6754
Thomas F. Mackey	Democratic	1256		1215	811	1356			4638
James C. Scanlan	Democratic	1364		1311	824	1370			4869
Walter H. Snow	Republican	1267		1643	1615	2323			6843
Thomas R. Bateman				1					1

CANDIDATE.	PARTY.	WARDS.							Total
		1	2	3	4	5	6	7	
REPRESENTATIVES IN GENERAL COURT 24th District									
Alexander F. Anderson, Jr.	Democratic		1895				1694	1607	5196
Emerson J. Coldwell	Republican		376				2768	5380	8524
Hiram N. Dearborn	Republican		355				2634	5173	8162
James A. Dwyer	Democratic		1770				1667	1420	4857
Joseph A. Haley	Democratic		2088				1682	1480	5250
Frank A. Teele	Republican		379				2672	5185	8236
COUNTY COMMISSIONERS									
Alfred L. Cutting	Republican	1505	728	1866	1775	2686	3052	5605	17,217
Walter C. Wardwell	Republican	1554	883	1914	1776	2671	3229	5791	17,818
REGISTER OF PROBATE & INSOLVENCY									
John J. Butler	Democratic	1449	1919	1183	926	1587	1776	1656	10,496
Charles N. Harris	Republican	1343	417	1706	1606	2395	2780	5405	15,652
COUNTY TREASURER									
Charles E. Hatfield	Republican	1420	434	1787	1671	2478	2902	5602	16,294
Daniel F. McBride	Democratic	1426	1967	1158	920	1592	1734	1595	10,392





	WARDS,							Total.
	1	2	3	4	5	6	7	
as defined by section 1 of said chapter 138, unless in each instance he shall have obtained the permit or other authority required therefor by the laws of the United States and the regulations made thereunder, which law was approved by both branches of the General Court by votes not recorded, and was approved by His Excellency the Governor, be approved?								

Number of "Yes" Votes,  
Number of "No" Votes,

1177	696	1637	1217	2078	2372	4309	13486
1351	1346	1083	1166	1657	1941	2283	10827

#### REFERENDUM QUESTION

##### NO. 4

Shall a law (Chapter 454 of the Acts of 1923) which provides for the raising of funds toward the cost of the construction and maintenance of highways by means of an excise tax of two cents on each gallon of gasoline and other fuel used for propelling motor vehicles on the highways of the Commonwealth, said tax to be paid by the purchaser to the distributor, who, in turn, pays it to the Commonwealth, and the money to be credited to a fund to be known as the gasoline-highway fund, out of which reimbursement is to be made to purchasers, who shall consume the gasoline or other fuel in any manner except in the operation of motor vehicles on the highways, and the expenses of carrying out the act are to be paid, fifty per cent of the balance of said fund to be distributed to the cities and towns of the Commonwealth, in proportion to the amounts which they contribute to the State tax, and this fifty per cent to be expended in construction or improvement of public ways within the city or town limits, and the other fifty per cent to be expended by the State Department of Public Works on such highways as it may select, which law was approved by both branches of the General Court by votes not recorded, and was approved by His Excellency the Governor, be approved?

Number of "YES" votes  
Number of "NO" votes

707	373	842	746	1064	1150	2057	6939
1617	1393	1633	1464	2395	2778	4015	15295

	WARDS.							Total.
	1	2	3	4	5	6	7	
REFERENDUM QUESTION								
NO. 5								
Shall a law (Chapter 473 of the Acts of 1923) which amends existing legislation on the same subject and provides that, subject to certain limitations, no person shall engage or be financially interested in the business of receiving deposits of money for safe keeping or for the purpose of transmitting the same or equivalents thereof to foreign countries unless he has executed and delivered a bond to the State Treasurer, or deposited securities in lieu thereof, and has received a license from the Commissioner of Banks authorizing him to carry on such business; that any money which in case of breach of bond shall be paid by the licensee or surety thereon, or the securities deposited in lieu thereof, shall constitute a trust fund for the benefit of depositors; that the license shall be revocable by the Commissioner of Banks for cause shown; that the money deposited with licensees for safe keeping shall be invested in the manner prescribed by the act; and that the violation of any provision of the act shall be punished in the manner therein prescribed, which law was approved by both branches of the General Court by votes not recorded, and was approved by His Excellency the Governor, be approved?								
Number of "YES" votes	1132	618	1375	1067	1885	2181	3800	12068
Number of "NO" votes	572	570	570	577	750	1080	951	5070
REFERENDUM QUESTION								
NO. 6								
"Shall daylight saving be retained by law in Massachusetts?"								
Number of "Yes" Votes,	1235	1207	1590	1293	2167	2598	4067	14157
Number of "No" Votes,	11260	981	1131	1066	1520	1654	2270	9882

CANDIDATE.	PARTY.	WARDS.							Total.
		1	2	3	4	5	6	7	
REFERENDUM QUESTION									
NO. 7									
Is it desirable that the general court ratify the following proposed amendment to the constitution of the United States:— "Section 1. The Congress shall have power to limit, regulate, and prohibit the labor of persons under eighteen years of age. Section 2. The power of the several States is unimpaired by this article except that the operation of State laws shall be suspended to the extent necessary to give effect to legislation enacted by the Congress."?									
Number of "Yes" Votes,	532	205	628	542	925	1074	2103	6009	
Number of "No" Votes,	2169	2249	2160	1910	2937	3348	4443	19216	
To vote on the following, mark a Cross X in the square at the right of YES or NO:—  "Shall an act passed by the general court in the year nineteen hundred and twenty-four, entitled 'An Act to establish the salary of members of the board of aldermen of the city of Somerville' be accepted?"									
Number of "Yes" Votes,	1053	872	980	933	1387	1502	2638	9365	
Number of "No" Votes,	1256	1133	1505	1203	1932	2331	3155	12515	

## ASSESSED POLLS AND REGISTERED VOTERS.

WARD	Pct.		As- sessed Polls, April 1, 1924	REGISTERED VOTERS.								Voted Nov. 4, 1924
				Dec. 11, 1923 Men	Dec. 11, 1923 Women	Re- vised Lists of July 1924 Men	Re- vised Lists of July 1924 Women	Add- ed in 1924 Men	Add- ed in 1924 Women	Nov. 4, 1924 Men	Nov. 4, 1924 Women	
Ward 1	Pct.	1	1,648	772	550	733	521	183	197	916	718	1457
" 1	"	2	1,185	544	370	510	352	159	137	669	489	1008
" 1	"	3	588	311	197	278	202	64	59	342	261	515
" 1	"	4	693	206	122	205	121	48	46	253	167	366
			4,114	1,833	1,239	1,726	1,196	454	439	2,180	1,635	3,346
Ward 2	Pct.	1	1,097	337	177	337	186	73	87	410	273	60
" 2	"	2	2,027	909	660	892	695	232	223	1,124	918	1,729
" 2	"	3	855	417	248	384	257	63	76	447	333	648
			3,979	1,663	1,085	1,613	1,138	368	386	1,981	1,524	2,980
Ward 3	Pct.	1	1,552	884	759	903	846	137	154	1040	1000	1,834
" 3	"	2	1,404	811	696	801	772	117	141	918	916	1,649
			2,956	1,695	1,455	1,704	1,618	254	298	1,958	1,916	3,483
Ward 4	Pct.	1	1,558	848	649	808	678	164	196	972	874	1,616
" 4	"	2	1,459	746	573	708	601	155	185	863	786	1,454
			3,017	1,594	1,222	1,516	1,279	319	381	1,835	1,660	3,070
Ward 5	Pct.	1	1,701	917	845	923	856	213	256	1,136	1,112	2,044
" 5	"	2	1,264	701	579	684	600	137	164	821	764	1,428
" 5	"	3	1,115	658	536	638	564	114	154	752	718	1,297
			4,080	2,276	1,960	2,245	2,020	464	574	2,709	2,594	4,769
Ward 6	Pct.	1	1,272	711	542	673	575	112	127	785	702	1,324
" 6	"	2	1,422	694	423	648	436	135	113	783	549	1,167
" 6	"	3	1,087	608	480	614	536	103	108	717	644	1,229
" 6	"	4	1,425	849	650	840	711	176	191	1,016	902	1,710
			5,206	2,862	2,095	2,775	2,258	526	539	3,301	2,797	5,430
Ward 7	Pct.	1	1,194	800	647	806	698	102	140	908	838	1,600
" 7	"	2	1,405	812	676	778	692	163	170	941	862	1,596
" 7	"	3	1,819	1,006	757	989	823	203	193	1,192	1,016	1,927
" 7	"	4	1,219	757	579	751	646	115	118	866	764	1,471
" 7	"	5	1,327	637	509	735	652	225	214	960	866	1,643
			6,964	4,012	3,168	4,059	3,511	808	835	4,867	4,346	8,237
City			30,316	15,935	12,214	15,638	13,020	3,193	3,452	18,831	16,472	31,315



## CITY GOVERNMENT AND OFFICERS FOR 1924

### Mayor

JOHN M. WEBSTER, 76 Boston Street

### Board of Aldermen

*President*, LYMAN A. HODGDON

*Vice President*, ALBERT E. HUGHES

#### WARD ONE

Lyman A. Hodgdon, Alderman-at-large . . . . .	8 Indiana Avenue
William F. Burns . . . . .	21 Illinois Avenue
Daniel A. Downey . . . . .	155 Glen Street

#### WARD TWO

Edwin J. Grant, Alderman-at-large . . . . .	21 Webster Avenue
Joseph A. Haley . . . . .	7 Linden Street
John J. Hoban . . . . .	39 Mansfield Street

#### WARD THREE

Thomas D. Mitchell, Alderman-at-large . . . . .	25 Warren Avenue
William C. Abbott (Died December 23, 1924) . . . . .	73 Avon Street
Charles E. Gerrish (Elected to fill vacancy Dec. 23, 1924) . . . . .	70 Boston Street
George A. Berry . . . . .	60 Prescott Street

#### WARD FOUR

John S. Smith, Jr. Alderman-at-large . . . . .	20 Richdale Avenue
Henry J. Connell . . . . .	150 Pearl Street
Warren A. Perry . . . . .	11 Evergreen Avenue

#### WARD FIVE

Arthur W. Russell, Alderman-at-large . . . . .	41 Sewall Street
Warren C. Blair . . . . .	155 Summer Street
Charles C. Grimmons . . . . .	72 Thurston Street

#### WARD SIX

Albert E. Hughes, Alderman-at-large . . . . .	20 Aberdeen road
William M. Morrison . . . . .	97 Rogers Avenue
I. Ormand Jackson . . . . .	7 Lexington Avenue

#### WARD SEVEN

Arthur F. Mason, Alderman-at-large . . . . .	18 Hall Avenue
Paul O. Curtis . . . . .	41 Mason Street
Albert F. McLean . . . . .	98 Electric Avenue

*City Clerk.* JASON M. CARSON  
*Assistant City Clerk.* HENRY J. ALLEN  
*City Messenger,* FRED E. HANLEY

Regular meetings, second and fourth Thursday evenings of each month, at eight o'clock, except when such Thursday is a holiday, in which case the meeting is held on the preceding Tuesday evening.

#### Standing Committees of the Board of Aldermen

**ELECTRIC LINES AND LIGHTS**—Aldermen Mason, Mitchell, Perry, Hoban and Jackson.  
**FINANCE**—The President, Aldermen Russell, Berry, Curtis, Hughes, Haley and Perry.  
**LEGISLATIVE MATTERS**—Aldermen Hughes, Berry, Russell, Connell and Haley.  
**LICENSES AND PERMITS**—Aldermen Abbott, Morrison, Mason, Connell, Grimmons, Burns and Hoban.  
**PUBLIC PROPERTY**—Aldermen Morrison, Blair, McLean, Downey, and Grant.  
**PUBLIC SAFETY**—Aldermen Smith, Abbott, Grimmons, Curtis and Burns.  
**PUBLIC WORKS**—Aldermen Mitchell, Smith, McLean, Blair, Grant, Jackson and Downey.

#### School Committee

*Chairman.* HARRY M. STOODLEY  
*Vice-Chairman.* JOHN J. HAYES

**Hon. John M. Webster** Mayor, ex-officio 76 Boston Street  
**Lyman A. Hodgdon**, President of the Board of Aldermen, ex-officio 8 Indiana Avenue

#### WARD ONE

**Francis J. Fitzpatrick** . . . . . 2 Austin Street  
**John J. Hayes** . . . . . 10 Wisconsin Avenue

#### WARD TWO

**Daniel H. Bradley** . . . . . 19 Concord Avenue  
**Christopher J. Muldoon** . . . . . 88 Concord Avenue

#### WARD THREE

**Charles W. Boyer** . . . . . 66 Avon Street  
**Oscar W. Coddington** . . . . . 59 Vinal Avenue

## WARD FOUR

Katherine C. Coveney . . . . .	73 Marshall Street
Walter E. Whittaker . . . . .	135 Walnut Street

## WARD FIVE

Harry M. Stoodley . . . . .	238 Highland Avenue
Minnie S. Turner . . . . .	64 Hudson Street

## WARD SIX

Walter I. Chapman . . . . .	18a Central Street
Walter Frye Turner . . . . .	15 Highland Road

## WARD SEVEN

Herbert Cholerton . . . . .	94 College Avenue
Edwin A. Shaw . . . . .	63 College Avenue

*Superintendent and Secretary*—CHARLES S. CLARK

Regular meetings last Monday evening of each month, except July and August, when none are held, and December, when meeting is held on the Friday preceding the first Monday in January.

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### Assessors

FRED E. WARREN, Chairman (term expires 1926)  
 WINSOR L. SNOW, (term expires 1927)  
 HARRY VAN IDERSTINE (term expires 1926)  
 J. ROBERT FENELON (term expires 1925)  
 DAVID B. ARMSTRONG (term expires 1927)

### Assistant Assessors

FRED B. CLAP	JOHN J. MCCARTHY
HARRY L. HASELTINE	JOHN M. NANGLE
HERBERT S. KINGMAN	LEONARD C. SPINNEY

### Board of Health

WESLEY M. GOFF (term expires 1925)  
 JAMES A. KILEY (term expires 1926)  
 CHESLIE A. C. RICHARDSON, M. D., Chairman (term expires 1925)

*Executive Clerk*—LAURENCE S. HOWARD

*Agent*—GEORGE I. CANFIELD

*Medical Inspector*—FRANK L. MORSE, M. D.

*Inspector of Animals and Provisions*—CHARLES M. BERRY

*Inspector of Milk and Vinegar*—HERBERT E. BOWMAN

**Licensing Commission**

WILLIAM J. SHANAHAN (term expires 1928)  
EUGENE M. CARMAN (term expires 1926)  
WILLIAM H. SMITH (term expires 1927)

**Department of Public Welfare**

FRED E. DURGIN, Chairman (term expires 1926)  
MICHAEL COLL, Vice-Chairman (term expires 1927)  
(Died December 7, 1924)  
JAMES D. SHARKEY—appointed Dec. 29, 1924  
GEORGE G. BRAYLEY (term expires 1925)  
*Agent*—WILLIAM E. COPITHORNE  
*Warden, City Home*—J. FOSTER COLQUHOUN  
*Matron, City Home*—CATHERINE COLQUHOUN

**Planning Board**

WILLIAM F. RILEY, Chairman (term expires 1926)  
DAVID J. KELLEY, Secretary (term expires 1929)  
BENJAMIN J. SURRETT (term expires 1925)  
JOHN WILLIAMSON (term expires 1927)  
GEORGE J. RAUH (term expires 1928)

**Registrars of Voters**

EDWIN D. SIBLEY, Chairman (term expires 1927)  
DOUGLASS B. FOSTER (term expires 1926)  
CHARLES LEO SHEA (term expires 1925)  
JASON M. CARSON, City Clerk

**Assistant Registrars of Voters**

JOHN L. AHEARN (term expires 1925)  
HENRY J. ALLEN (term expires 1925)  
JOHN H. KELLEY (term expires 1925)  
JAMES W. KENNEY (term expires 1925)

**Public Library Trustees**

THOMAS M. DURELL, Chairman (term expires 1925)  
J. FRANK WELLINGTON (term expires 1926)  
WILLIAM L. BARBER (term expires 1925)  
HERBERT L. BUFFUM (term expires 1926)  
GILES W. BRYANT (term expires 1927)  
FRANK M. BARNARD (term expires 1926)  
LEON M. CONWELL (term expires 1927)  
GEORGE E. WHITAKER (term expires 1927)  
*Librarian and Secretary*—GEORGE H. EVANS



**Public Welfare and Recreation Commission**

ERNEST W. BAILEY (term expires 1925)  
SOPHIE C. BATEMAN (term expires 1925)  
CHARLES S. CLARK, (term expires 1926)  
WILLIAM E. COPITHORNE (term expires 1925)  
GEORGE L. DUDLEY (term expires 1925)  
FLORENCE B. HAMILTON (term expires 1926)  
WILLIAM S. HOWE (term expires 1926)  
MARGARET L. MAGUIRE (term expires 1925)  
MARY M. MCGANN (term expires 1926)  
ANNIE M. SMITH (term expires 1926)

**City Clerk**

JASON M. CARSON

*Assistant City Clerk*--HENRY J. ALLEN

**City Treasurer and Collector of Taxes**

JOSEPH S. PIKE

**City Messenger**

FRED E. HANLEY

**Mayor's Secretary**

SUMNER M. TEELE

**City Solicitor**

FRANK W. KAAH

**City Auditor**

HOWARD E. WEMYSS

**City Engineer**

ERNEST W. BAILEY

**Commissioner of Streets**

ASA B. PRICHARD

**Commissioner of Public Buildings and Inspector of Buildings**

GEORGE L. DUDLEY

**Commissioner of Electric Lines and Lights**

WALTER I. FULLER

**Water Commissioner**

FRANK E. MERRILL

**Superintendent of Sanitary Department**

EDGAR T. MAYHEW

**Clerk of Committees**

RICHARD A. KEYES

## Chief of Police

CHARLES A. KENDALL

## Chief Engineer of the Fire Department

SEWALL M. RICH

## City Physician

FRANK E. BATEMAN

## Inspector of Plumbing

DUNCAN C. GREENE

## Inspector of Milk and Vinegar

HERBERT E. BOWMAN

## Inspector of Animals and Provisions

CHARLES M. BERRY

## Inspector of Petroleum

SEWALL M. RICH

## Sealer of Weights and Measures

BENJAMIN S. ABBOTT

## Fence Viewers

CHARLES M. BERRY

HOWARD LOWELL

## Agent of Military and State Aid and Soldiers' Relief and Burial Agent

BENJAMIN S. ABBOTT

## Constables

MAURICE F. AHEARN	THOMAS DAMERY	CHARLES A. KENDALL
CHARLES M. AUSTIN	WILLIAM J. DIGUISEPPE	MICHAEL T. KENNEDY
CHARLES W. F. BENNETT	CHARLES L. ELLIS	ELBRIDGE G. LAVENDER
SALVATORE BIANCHINO	ARTHUR L. GILMAN	EDWARD E. MARSH
EUGENE A. CARTER	FRED E. HANLEY	JOHN M. NANGLE
WILLIAM E. COPITHORNE	JAMES M. HARMON	JOHN A. RAY
WINSLOW W. COFFIN	ERNEST HOWARD	JOHN F. SCANNELL
ALBION B. CROCKER	FRANK B. KARCHER	WILLIAM E. YOUNG
	WILLIAM H. YOUNG	

# **PUBLIC WELFARE AND RECREATION COMMISSION, 1924**

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CHARLES S. CLARK	Chairman
MRS. SOPHIE C. BATEMAN	Vice-Chairman
GEORGE L. DUDLEY	Secretary

## **MEMBERS**

	Term Expires January
CHARLES S. CLARK	1926
WILLIAM STUART HOWE	1926
MRS. FLORENCE B. HAMILTON	1926
MISS MARY M. McGANN	1926
MRS. ANNIE M. SMITH	1926
MRS. SOPHIE C. BATEMAN	1925
GEORGE L. DUDLEY	1925
ERNEST W. BAILEY	1925
WILLIAM E. COPITHORNE	1925
MRS. MARGARET L. MAGUIRE	1925

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FRANCIS J. MAHONEY	Director
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## REPORT OF PUBLIC WELFARE AND RECREATION COMMISSION

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To the Honorable, the Mayor and the Board of Aldermen:

Having a somewhat larger appropriation for the fiscal year just closed, the Public Welfare and Recreation Commission was able to expand its activities in several directions without curtailing any of the major policies which it has followed in the past. The effort has been to give greater service in the well-established lines and to seek by experimenting to discover new fields wherein the Commission could give to the community additional opportunities for wholesome recreation. Of its appropriation of \$7,000, the larger part was applied to the carrying on of supervised playgrounds during the summer season and on special days in the Spring and Fall. The next larger emphasis was upon social centers, several of which have been conducted two evenings a week while another has been in operation on week days. Public meetings have been held, holiday observances have been assisted, and the spread of athletic undertakings outside of school hours has been encouraged among the youth of the city throughout the year. In addition to these things accomplished, various things have been attempted by way of study and inquiry to discover the possibilities of providing a more diversified program for another year. Some of these beginnings are promising and indicate possibilities for leadership by the Commission within the scope of its present financial resources.

The Commission during the past year has continued to study the local situation with a view of determining what service it could best perform for the community. It recognizes the duty of giving to the public information concerning its own undertakings and concerning conditions which affect the development of a larger program of municipal provision for recreation. It believes that it should encourage a progressive increase in expenditure for this purpose in order that the city may gradually come into possession of better facilities for this important interest of the people. It believes strongly that the welfare of a community is promoted by its possession of adequate means for wholesome outdoor recreation available especially for that large proportion of the people who spend most of the time within its limits. Therefore, in this report will be found a careful analysis of present conditions and recommendations for improvements. The Commission believes that it is the part of good



public policy for the city to expend upon such improvements sums sufficient to make a material advance in bettering conditions.

The carrying on of the work of the Commission under the leadership of a director has involved a large amount of detail and the direction, at different times, of considerable numbers of workers. Since the beginning of this work, through the courtesy of the School Committee, the Director has had office space in the rooms of the School Committee. The work has reached the point, however, when special provision should be made for the Director and for the general work of the Commission. Such provision should include an office with suitable equipment including a telephone. This need must be met in the near future if the work of the Commission is to go on with unchecked efficiency.

The various undertakings noted in this report have been carried on under the personal supervision of the part-time Director employed by the Commission. To his energy and enthusiasm is due in a large part the success of the work of the year.

At the request of the Commission, Mr. Mahoney has submitted a detailed report of all of the undertakings conducted during the last year under the direction of the Commission and has set forth with clearness the conditions under which this work has been carried on. He has also made numerous recommendations for the improvement of these conditions. The Commission believes that such a statement will be of value in determining future action in respect to improving means of recreation in our city. That there is need for such improvement there can be no doubt in the mind of any one familiar with the facts. No stronger argument in favor of increased provision for the welfare of the children of the city is needed than that found in the annual report of the Somerville Planning Board for the year 1923, Chapter VI, on Parks and Playgrounds. It strongly advocates increased provision of playgrounds, supervision of playgrounds, and increased equipment upon the grounds already provided. In discussing the playgrounds of the city, the Commission estimates that at that time "the school and park playgrounds would at best raise the play area per child to 20 square feet." This it compares with the "minimum standard of 50 square feet per child that most progressive cities are obtaining." Concerning supervision of playgrounds, the Commission makes the following statement:

"Supervision is crucial in playground operation. An unsupervised playground is for the child, hardly better than a vacant lot . . . . . A good playground director is a God-

send to the children . . . . . In visiting the playgrounds it was found that there was no play of value going on, as a rule, outside of the days and hours and places where supervision was provided. This finding, however, is in accordance with the experience of American cities in general. During six months of the year play can be directed during the daylight hours when the child is not in school, to the enormous advantage of the children and of all citizens . . . . . No criticism of the quality of the present supervision of playgrounds is intended, for the investigators have been most favorably impressed with the character of supervised play so far provided. What is suggested is an increase in quantity, which means eventually a several-fold increase of the appropriation for play purposes in the city. Such an increased appropriation should come back to the city many-fold in the form of healthier, happier, and better citizens."

In this connection, the Commission wants to put on record its approval of the action of the Mayor and Board of Aldermen in adding to the playgrounds of the city during the last year such an important area as that on the corner of Cherry and Elm Streets. This piece of property, situated in a densely populated region, will be a boon to the children of that neighborhood.

The Commission has carried on its work during the past year with a profound conviction that the children of the City need and are entitled to receive greater attention from the public than has been given to them in the matter of provision for wholesome recreation. The report of the Planning Board quoted above shows that the City is not giving to its children an amount of play space recognized as a minimum of provision by most progressive cities. There can be no doubt that the citizens of Somerville have a pride in their city and a pride in their children. There can be no doubt that when once the citizens become acquainted with the true state of affairs they will determine to give more numerous play spaces to the children. In the matter of use of playgrounds and in the purchase of new ones, the record of the year just closed is encouraging. The Commission looks forward to greater accomplishments in 1925. It is the hope of the Commission that this report will show to the citizens of the City sufficient reasons for more rapid development in the future of the work and interests which the Commission was created to foster and manage.

Respectfully submitted, for the Commission,

CHARLES S. CLARK,

*Chairman.*

## REPORT OF DIRECTOR OF RECREATION

To the Public Welfare and Recreation Commission:—

In this report, submitted respectfully to your Commission, on the activities and undertakings assigned by the Commission to my supervision, the purpose is to recount the accomplishments of the year 1924; to present the Director's view of the present status of the general undertaking that embraces these activities; to consider the possibilities suggested by these accomplishments and this view; to mention provisions which, in my judgment, are necessary or highly desirable for the future success of the Recreation work and the promotion of Public Welfare by your Department; and to present suggestions and information that may assist your Commission in defining its policies and in reorganizing or elaborating its program for pursuit of the objectives of a Public Welfare and Recreation Department.

### Scope of This Report

Resulting from the entrance of this department during 1924 into an expanded field of activity, the duties of your Director have been increased in number and variety as his services have been directed along the new lines of action. Accordingly, it seems wise, in presenting this report, to give separate consideration to these various branches of the Recreation work. They include

- I. The Summer Playgrounds
- II. The Spring-and-Fall Supervised Athletics
- III. The Saturday Playgrounds for Small Children
- IV. Evening Adult Recreation Centers
- V. The Neighborhood Center
- VI. The Preserving and Canning Activities of School Children.
- VII. The Recreational-Civic Activities Involving the General Public
- VIII. The Experiment in Community Recreational Drama
- IX. Public Celebrations.

### Summer Playgrounds

The essential character and general mode of the Summer Playgrounds Season is the same as those of the 1923 season, reported a year ago by the Director.



## Features

But some new features of the season of 1924 are conspicuous to the observation of the Director, and are judged worthy of special mention under this caption. More detailed reference to them, each under its proper heading, will follow.

Five new units of supervised play, added to the Summer Playgrounds system this year to serve the interests of children in sections of the City hitherto served most meagerly or not at all, have, in the Director's estimation, been so successfully operated as to constitute the most beneficial accomplishment that can be cited under consideration of Summer Playgrounds within five years or more.

Five recommendations by the Director of Playgrounds, at the close of the 1923 season in reporting to the Commission, have been carried into execution fully or in part, with highly beneficial results to the play activities of children served by the Summer supervision.

More emphatic need than before of action upon the remaining three recommendations of last year, and of immediately completing the execution of those recommendations which have been only partly carried out, impresses itself upon the observer who studies the activities and accomplishments of the 1924 season.

A very striking regularity of attendance on each of the playgrounds throughout the season is indicated by the daily and weekly attendance records. This regularity is accompanied by remarkably high figures of attendance on nearly all playgrounds. The importance of these two facts lies in that they indicate intense utilization of playground facilities, sustained at its height throughout the season.

New permanent equipment and emphasis on athletic activities dependent on this equipment have added to the intensity and variety of boys' play on the supervised areas.

A marked public interest in playground work, noted and reported last year, has continued to express itself this year, even to more marked degree and in greater variety of ways, especially among citizens in those sections of Somerville where new playground units have been supervised this past Summer for the first time.

Still further intensity in Track and Field Athletics, initiated in 1923, has increased the interest of children in general in the Summer play.

"Safety" activities among the children, promoted by the supervisory corps and sustained throughout the season, with the particular objective of combating the danger from street traffic, were an important part of the season's program.



Concrete instances of volunteer citizen participation in the Playgrounds enterprise has been exemplified in the fund, for the purchase of prizes in competitive athletics, to which contributions were voluntarily made by business men and other interested citizens.

A remarkably competent, efficient, and zealous corps of play-supervisors and assistants has given to the season's work an animus and vitality that have brought forth many favorable comments of public officials, private citizens and public press, regarding the efficiency and aptitude of these workers. This feature is mentioned as important because, in my judgment, its effects on the play activities constitute one of the greatest assets of the playgrounds organization in facing the immediate future.

### Grounds

Thirteen areas were used for playground purposes during the past Summer. Sixteen units were conducted, however, some of these areas having separate units for boys and girls. The various units are named as follows, and the names suggest the areas utilized:

Bennett School Ground	(for girls)
Central Hill Park	(for girls and boys)
George Dilboy Field	(for boys)
Fellsway East	(for boys)
Saxton C. Foss Park	(for girls)
Hodgkins School Grounds	(for girls)
Joy St. Playground	(for boys)
Kent Street Boys' Playground	
Kent Street Girls' Playground	
Lincoln Park	(for boys)
Morse School Grounds	(for girls and boys)
Perry School Grounds	(for girls)
Richard Trum Boys' Playground	
Richard Trum Girls' Playground	
Tufts College Old Campus	(for girls)
Western Playground	(for boys)
(At Western Junior High School Grounds)	

Five of these units were new this year to the Playgrounds system:—those at Joy Street Playground, Dilboy Field, Tufts College Old Campus and at the Morse and Western Junior High School grounds. We have already stated that they have been operated with complete success, in the Director's opinion, and that, in service to the play needs of Somerville children, their operation seems to be the most considerable development the Playgrounds system has experienced in a period of five years.

The Playground at Dilboy Field, in its results this Summer, affords a strong illustration of the growth of playground needs in Somerville; the growth of public, and especially children's interest in and appreciation of the Playgrounds idea; and the growth in the public service being rendered in the field of Municipal Recreation under your Commission.

A previous experiment in conducting supervised play at Dilboy Field, in 1920, was early abandoned because the attendance of children and the degree of activity did not warrant the expense of continued experiment. This past Summer, on the contrary, the average daily attendance was far in excess of the minimum previously set by your Commission as sufficient for continued operation; and activity was proportionately intense. The considerations that impress themselves upon the Director from this comparison of experiences are these:—The population of the locality of Dilboy field five years ago was such that it included fewer children of playground age; fewer families altogether; fewer families whose children remained in Somerville during the Summer season; and fewer persons who had sufficiently grasped the advantages of fully utilizing supervised playgrounds, than any other locality in Somerville. Since then, however, the general population of the locality has much increased with the rapid building of homes there; children too young to attend playgrounds five years ago have arrived at the playground age; more families with children at home in Summer months have taken residence in the locality; and the advantages of playgrounds attendance and supervision have impressed themselves on the general public in considerable degree in the past several years.

The Director expects that in another season the Dilboy Field Playground will advance even more; and that in a short time it will be among the most active and most serviceable units in the system. The momentum acquired during the 1924 season, the increased advantage of experienced supervision, and the interest and appreciation of the children served, are the considerations on which this expectation is based.

The Morse School Playground is another that provided wholesome play conditions and supervision for a large number of children in a locality hitherto not reached by any of the play centers and very much in need of a playground because of its congested nature and the danger from automobile traffic through Summer Street. It has the unique advantage of sufficient shade from trees which give attractive shelter from the oppressive Summer heat. This feature and the nearness of this ground to the homes of so many children made the Morse Center one of the most serviceable of the

system in proportion to its area. The erection of a high screen fence along one side of the ground, and the removal of the old fence which divided the area into halves, as recommended in the annual report of the Director of Playgrounds, 1923, have had a stimulating effect in active play and have served to protect the property that abuts the play area.

There is need, however, of resurfacing this playground. One section was formerly surfaced with concrete, which is now higher by inches than the remainder of the area; and that part which is not concreted is uneven and stony, with here and there uncovered parts of tree roots. Another screen fence along the second side which private property abuts, is almost a necessity both from the standpoint of the playground and for the interest of the abutting property.

The Joy Street Playground for boys, located within 150 yards of the Bennett School grounds where a boys' and girls' playground has been operated for several years past under extremely congested conditions, was inaugurated into the system with a view to (a) relieving the congestion at the Bennett playground, (b) segregating the girls from the boys and (c) providing conditions less inadequate for the more active games of the older playground boys. In addition to realization of these objectives, a considerable increase in attendance has characterized these two playgrounds in combination and great interest in inter-playground competitive games has been aroused among boys who previously had not enjoyed this feature of the Summer program.

The surface of the Joy Street grounds has been somewhat improved by operations by the City Engineer's Department, some permanent equipment installed, and a drinking fountain provided. But there is imperative need of still further improvement of the ground, providing of shade trees, and the erection of a durable screen fence for the triple purpose of protecting the children at play from the extreme danger of intense commercial traffic through the adjoining streets (which are among the narrowest in the City), protecting neighboring property, and affording a touch of attractiveness to the grounds which at present have a most cheerless and unattractive appearance.

Even under conditions of great improvement the total area of the Joy and Bennett playgrounds is so small that the provisions would be extremely inadequate for this locality, which has a greater child population within the immediate vicinity of the playground than can be found in any other district of similar size in the City. It seems, therefore, that the City would do well to make some approach to providing attractive, safe, and play-provoking features on the present area,



and to consider seriously the possibilities of increasing or even multiplying the area of both of these playgrounds.

At the grounds of the Western Junior High School, where the area affords possibilities for the play of active games, but where the City has long delayed in providing presentable surface and any play equipment, a playground unit was nevertheless attempted, to meet in feeble degree the needs of an ever increasing population in a district where no playground suitable for active boys' play is nearer than a mile almost in any direction. The Western Playground for boys and the Hodgkins School-yard unit for girls were jointly supervised. The combination proved effective in spite of the wretched condition of the boys' playground.

A most pressing recreational need is the early completion of this playground at the Western Junior High School.

Equally desirable, in my opinion, would be the carrying out of plans contemplated some time since for the improvement of the rear end of Saxton C. Foss Park, with a view to getting the maximum use from this area for recreation purposes. In the light of the rapid development of recreation activity on this playground, the urgent need of early attention to this improvement is still more apparent.

Saxton C. Foss and Fellsway Playgrounds are in fact conducted on the same area, with segregation and separate supervision of boys and girls for sectioning off the area. The attendance and the activities have so increased as to place both the girls' and boys' units among the most successful playgrounds.

The attention of the Commission is again respectfully called to the necessity of more space for playing in the district served by the Kent St. playground. This ground caters to a very populous section of our city, and is at present inadequate for the playing of active games.

The notable development of the Central Hill unit has taken place in spite of the lack of any permanent equipment. In view of the importance of this unit, I strongly urge that before the coming Summer, provision be made for some permanent apparatus on Central Hill Park. I believe that such equipment can be located on the rear part of the hill, without injuring, in any way, the sightliness of the location.

The Playground at Tufts Old Campus was originated and financed in greater part not by the City, through this Department, but through the private initiative and enterprise of citizens in the upper Clarendon Hill section, led by the Mothers' Circle. These ladies provided and paid a supervisor, enlisted the interest of parents and children and sought assistance and encouragement from the Public Welfare and



Recreation Department. By this incorporation of the activities of this playground into the City-wide system maintained under the Commission, mutual strength was afforded both the system and the project of the Mothers' Circle. In this enterprise a third cooperating agency was the Trustees of Tufts College, who in public-spiritedness granted the use of an attractive, ample and suitable section of its grounds.

### Supervision

Twenty-two persons including the Director were employed in the supervision of the Summer play. Of this number nineteen were assigned to individual playgrounds: one acted as a special supervisor of folk dancing; and one gave part time to supervision of handwork. All but one of the supervisors are residents of Somerville. This statement is made to indicate that despite the Civil Service requirements as to qualifications, it is possible to secure from our own residents efficient supervision. From acquaintance with the conditions in other municipalities like ours, it can be stated that such was not the case in those places. The Director feels that this policy should be continued in Somerville unless its continuance should, in any way, handicap the effects of the playground organization.

### Attendance

Mention has already been made of large and regular attendance at all the playgrounds, with a significant uniformity throughout each week and throughout the season on any given playground. The City-wide aggregate attendance this season, partly because of the increased number of play units, was greater than that of the 1923 season by about twenty-five per cent; and the same is true of the average daily attendance. Most noticeable in increased attendance among the older playgrounds was the Perry School grounds.

Noteworthy in connection with the attendance has been the increased number of larger boys—those of fourteen and fifteen years of age. The Director feels that there may be some connection between the increased attendance of this group of boys and the methods used for stimulating attendance, which are to be mentioned in the following paragraphs, and some further connection between this increase and the attempt to correlate Junior High School out-of-class activities and Playgrounds activities. The presence in goodly numbers of these larger boys is reported as important in the judgment of the Director because of their power of leadership and ex-

ample among the younger boys. The propensity to imitate their seniors is the most characteristic trait of playground boys, and the presence or absence of older boys determines or colors the methods used by supervisors on our Play Centers.

To stimulate attendance at, and interest in, the playgrounds, several methods and devices for propaganda were vigorously employed both during the season and in the weeks immediately preceding it. During the closing week of the public school term, in June, the Director of Playgrounds visited three of the Junior High Schools of the city and several of the Elementary Schools located in districts tributary to the play centers for the purpose of impressing upon the boys and girls of these schools the advantage of the Summer Playgrounds. Through the courtesy and co-operation of the school authorities, hundreds of boys and girls had their interest in the playgrounds awakened or renewed or intensified, and it is the opinion of the Director that the experiment was proportionately successful in its influence upon the Summer attendance, spirit and activity.

Other devices to the same end will be mentioned among the playground activities elsewhere in this report. They include the use of bulletin boards at the play centers the publishing of results of athletic contests, and the personnel of athletic teams, etc.

### Activities

In reporting on the activities conducted on the playgrounds, for purpose of clearness, the activities may be grouped under six heads and distinguished as Games, Handwork, Dancing, Safety Campaign, Miscellaneous Activities, and Special Events including the Final Play Festival and Display of Handwork.

**GAMES.** The principal portion of a playground program comprises active games and athletics. Baseball has, since the beginning, occupied the leading position among the boys of our Summer playgrounds. But track and field athletics have in 1924 taken a place of equal importance in their interest. Basketball, Volley Ball, Dodge Ball, Squash Ball, German Bat Ball and other more modern active games involving team play and competition, held important place in the season's activities.

These latter games were played by girls as well as boys; and among both sexes inter-playground contests among representative teams were held in all of these games.

Quoits, tennis at Foss Park, and the usual variety of ring games for both boys and girls enjoyed great popularity. And a long list might be made of miscellaneous games, varying on the various playgrounds, some new and some very old, the playing of which has taken up quite as much of the children's time as have the better known games already mentioned. Effort has been made by the Supervisors to stimulate play of new games of an ever-increasing number, in the theory that novelty and variety are important in any effort to keep playgrounds attractive.

To this end systematic study has been made of games, old and new, suitable to the varying conditions of play areas, weather, time of day, safety, physical development, character development, ages of children. Exchange of ideas among supervisors, demonstration of new games, and other devices tending to capitalize all the experiences and resources of all the supervisors, have been practiced in the method of administering the play supervision. This has been done by means of supervisors' conferences, inter-playground visits, by children prepared to demonstrate, weekly reports of all supervisors on the week's activities, and by the circulation, among supervisors, of lists of games, etc.

*BASEBALL.* As in previous seasons, three baseball leagues, each with a season schedule of inter-playground games, provided the central attraction in baseball. These leagues were for boys of three distinct classes, classification being by age. In each league eight playgrounds were represented, making a total of twenty-four teams participating in the inter-playground contests. Each team had fourteen games on its league schedule.

In addition to the schedule of inter-playground games, there was even more activity in baseball independently of the leagues. The boys skilful enough to "make" the teams representing their respective play centres comprised but a small percentage of the total number highly active in this sport. Other organized teams existed on various playgrounds; and rivalry among teams of the same section was quite as keen as that manifested in the City-wide circuits. And still in addition, the number of improvised matches, was, of course, innumerable.

*TRACK ATHLETICS.* Track and field athletics engaged the interest throughout the season of large groups of boys, and had the important value of interesting many boys who failed to gain membership on any of the league teams in baseball.



The interest was stimulated and kept at high pitch throughout the season by means of competitive athletic meets, local, dual, and inter-playground. Each of the seven playgrounds for boys had a local athletic meet for its boys on a day appointed by schedule, at the beginning of the season. And the Central Hill playground boys held their meet at Lincoln Park. These meets were held during the middle week of the season. Shortly after mid-season, several dual meets were held, and later still the final inter-playground meet, in which all playgrounds were eligible for representation, furnished the climax to this form of activity. The final meet was held at Dilboy Field and attended by hundreds of boys and girls from every unit in the playground organization. The assemblage of so many hundreds of boys and girls from every section of the city made this a gala day. The keen interest in the competition for scores, and the presence of many adult spectators including His Honor, the Mayor, members of the Board of Aldermen and School Committee, the Superintendent of Schools and other public officials furnished an afternoon of enthusiasm.

In all of the athletic meets the boys were grouped in three classes, by ages, corresponding to the classes in the baseball leagues. In the Senior Class, Fellsway boys were the winners. In the Intermediate Class, Fellsway and Kent tied, and in the Junior class, Lincoln Park won. For the highest score in the meet, reckoned on the scoring of all three classes combined, Lincoln Park was awarded the championship.

The series of meets, thus arranged to sustain the interest throughout the season and to intensify it as the climax—the final meet—approached, may be said not only to have accomplished this end but to have had several important by-products. There is little doubt, at least among observers of this program, that not only interest, but skill and proficiency as well, in one or another form of track or field athletics has been developed in many boys who will continue their participation in this exercise, both on the playgrounds in the near future and in more conspicuous degree under other auspices in the years that follow their playground days. But beyond even this immediate effect upon the more successful participants is the still more valuable effect on the children in general, to whom the playgrounds were surely more attractive because of the spectacular nature of these competitive games and because of the enthusiastic preparation with which they are anticipated. And another value that



*PUBLICITY THROUGH ATHLETICS* must be attributed to these games arises from the publicity possibilities they afford. When playground bulletin boards and daily and weekly newspapers present the results, the names of the winners, and the achievements credited to the respective playgrounds, stimulus comes not only to this particular activity but to every phase of the play program, of which track and field athletics are one feature. And when forecasts and predictions concerning future contests are made, when prizes are publicly displayed in advance, boys are encouraged to redouble their efforts for personal success and victory for their own units. And perhaps most important of all is that, through this same publicity, these contests become a public medium of information to the people of the Community, who are thus possessed of the knowledge of playground doings and who, in turn, become agents for encouraging the children to attendance and active participation. It can be demonstrated, too, that enjoyment is afforded these adults, who in large number follow the sports of the children.

The effect on public interest, arising from this feature of the playground season, is exemplified, as we have said, by the voluntary establishment of a fund for prizes, on the part of a group of citizens including local business men and merchants. About \$235 was donated, making possible the purchase of most attractive prizes for the final meet and a large number of more modest but much coveted trophies for winners in the local playground meets:—432 prizes in all.

*OTHER INTER-PLAYGROUND CONTESTS.* Quoit tournaments between playgrounds, frequent inter-playground Basket Ball, Dodge Ball and Bat Ball games, some for boys and some for girls, contributed also to the inter-playground rivalry.

Among the girls, singing games and the more quiet ring games were the most popular.

*HANDWORK.* Handwork of various kinds was highly popular on all playgrounds, more especially among the girls. The handwork produced on the playgrounds during the Summer of 1924 excelled in quantity and quality that made during any previous season. This feature of our undertaking received much favorable comment, both from casual visitors at the playgrounds and from the general public, when at the close of the season it was publicly exhibited.

During the final week of the playground season the handwork was publicly exhibited for the inspection of residents of the community. This exhibition was located during the day and evening of the Twilight Play Festival in an open-air booth connected with the store of Morrison Brothers opposite Central Hill Park, on which the Festival was held. Previously the exhibit was located for periods of several days each, in the show windows of the Belcher Company in Union Square, and the Parke Snow Company in Davis Square. Thousands of people inspected these exhibitions and expressed considerable praise at the character and finish of the articles displayed. Included among the products were: serving trays constructed of reed and glass, and ornamented with butterflies and milk weed; baskets, sewing boxes, desk sets, paper dolls very attractively dressed in crepe paper gowns and hats of the pastel shades, vases, hammocks, sweaters, dresses, hats for actual wear; aprons, embroidery pieces, including luncheon sets, towels, sofa pillows, centerpieces, scarfs, bibs, kites made by the boys, stuffed animals, paper cut-outs, scrap books, and articles of paste-board construction.

**DANCING.** Folk dancing continued to be the main attraction for many girls in various sections. As in the case of the handwork, this activity was supervised by a young lady employed for that purpose. This activity made a favorable impression at the public demonstration at the festival held during the closing week.

In the opinion of the Director, the results obtained in the dancing are most commendable. Commendation from all sides has, in fact, been heard. These results are in spite of the great handicap resulting from the lack of musical accompaniment on many grounds.

Provision of some musical accompaniment for the dancing is strongly urged for the coming year.

**MISCELLANEOUS ACTIVITIES.** Of special interest, this season, was the maintenance of bulletin boards on each playground. Items of interest, programs, results of games, baseball league standings, notices of coming events, names of players, contestants, winners, etc., were posted from time to time. Attention to use of these bulletins was practiced through the season by the supervisors, and it is certain that this device was a prominent factor in keeping up the interest. The bulletin boards afforded the added advantage of attracting and informing the adult passers-by—for many of our play areas are also thoroughfares for pedestrians—and this circumstance secured additional public interest in the work.

Among other miscellaneous activities should be mentioned kite flying, gymnastics, story telling, use of library books, enjoyment of swings, teeters and slides, and the "Safety" activities which are mentioned in the following paragraphs.

**"SAFETY" CAMPAIGN.** A new major Summer activity was inaugurated the past season: a sustained campaign for "Safety", especially as applied to prevention of highway accidents. Emphasis of this movement called for much of the time and attention of the supervisory corps, and the Director is decidedly of the conviction that the impression produced upon the children has been considerable, though such results are necessarily difficult to measure. This activity was occasioned in part by the concentrated activities of the Somerville Safety Council, whose war on Street Accidents in Somerville had begun just previous to the opening of the Summer Playgrounds season.

The means employed for inculcating "safety" habits were varied and many. In general the "safety" activities of the supervisors were interwoven through the season into the whole activity of comradeship with and leadership of the children. A few of the more specific and more definable means used to attain the objectives of the campaign are here pointed out:—

Occasional informal discussion of the traffic dangers to children, the need of caution on the highways, the force of habit in this connection, the perils attending well known "dare-devil" adventures of children with regard to vehicles, and the place of the playground as preventive of accidents, were launched by the supervisors on their respective playgrounds.

The slogan of the Safety Council—"Be Careful" was kept in continued presence of the eyes and ears of playground children.

Pamphlets, illustrated, on "Common Accidents", pointing out the ways to avoid these accidents, were distributed with exhortation that they be taken home and read by parents and children.

Posters were widely displayed at play centers. These included the imposing "Be Careful" placards provided by the local Safety Council.

Playground Bulletin Boards displayed from week to week lists of accidents in Somerville during the preceding week, compiled by the Police Department and published by the Somerville Journal, giving the facts and circumstances. On these bulletin boards were displayed various other clippings and illustrations calculated to serve the same end.



Two great "Safety" mass meetings of children were held, featuring Motion Picture films teaching the safety lesson; addresses by leaders in the state-wide Safety movement and local police officials; a dramatization of a typical street accident, with a strong appeal to children, and arranged and produced by the children themselves under the guidance of a committee of supervisors. These mass meetings attracted in the aggregate about 1600 children from 15 playground units. They were held in the Union Square and Ball Square Theatres, by consent and cooperation of the management without any expense to the City or the children.

**SPECIAL EVENTS.** Certain occasional special events are to be mentioned as factors in the work. Among these are Visiting Days for Parents, Outings for children of one playground or another at near-by Recreation Resorts, the Final Inter-Playground Track Meet, the "Safety" Special assemblies, and the Twilight Play Festival.

**CLOSING PLAY FESTIVAL.** The closing festival held on the Wednesday evening of the final week of the season, at twilight, was calculated to serve a four-fold purpose, namely,

1. The purpose suggested by its name.
2. To demonstrate organized play to the public, and exhibit its results, with a view to securing wider public interest.
3. To encourage the children in their play activities, and to provide free public recreation for adults.
4. To give the children an opportunity to repay the community in part for the benefits they had received from the supervised playgrounds.

The Festival attracted several thousands of the public in addition to the three thousand five hundred boys and girls who participated in the twenty events on the program. It was conducted on Central Hill park, in the area in front of the High School Buildings and the City Hall Annex. The program of events included competitive games for boys and girls, folk dancing, accompanied by music furnished by a brass band; relay races, marches, drills, a doll carriage parade, and a procession of the participating children.

This Festival furnished a fitting close to the playground season.



### Finances

The total expenditure from the City Treasury for the Summer Playgrounds program under your Commission was \$2,865.58. Of this amount the expense of supervision was \$1,877.50, not including salary paid to the Director during the Summer, which is elsewhere included as a part of the all-year item of Director's salary; for supplies, maintenance and labor, \$988.08.

In this connection, it seems appropriate to point out that relatively little expense has been incurred this past season (or the preceding one) through purchase or installing of permanent playground equipment. The Somerville Playgrounds Association has been of great financial assistance in providing such equipment for some years past, particularly on those areas not under control of the City Engineer's Department.

Further financial assistance came, of course, from the fact that the cost of supervision at the Tufts Old Campus playground was met by the Mothers' Circle.

As a result of these facts, and of the additional fact that new equipment and repairing of old equipment must be provided to cope with the results of wear and deterioration through several years, it seems wise to point out here that in anticipating the year 1925 from the financial standpoint a fairly substantial increase in expenditure for equipment, and for City supervision of the Tufts unit, must be considered. And at this point, too, the Director, regarding finances, calls attention to the possibility of still additional cost involved in the proposed increase of number of playgrounds to be operated in the Summer and at other seasons. This increase is proposed in the series of Recommendations later in this report.

### Co-operation

Most encouraging is the assistance from agencies other than the department in direct charge of supervised recreation. This co-operation manifested itself in various ways. A few instances will be mentioned.

The Fire Department officials were accommodating and sent to the playgrounds hose wagons equipped with spray nozzles on extremely warm days, to provide shower baths for the children.

The Departments conducted by the City Engineer, the Building Commissioner, the Water Commissioner, and others which are closely connected with the playground management, rendered courteous and valuable assistance, not only when called upon, but frequently on their own voluntary initiative.

The Public Library placed at the disposal of the Summer playgrounds a large deposit of books, **suitable for the children**, furnishing an additional source of recreation, and at the same time a medium for promoting the interest of children in a very profitable diversion—the reading of good books.

The Somerville Playgrounds Association, as in the past, has been a valuable source of assistance to the Summer work, purchasing permanent equipment costing \$250; encouraging the work; and loaning the money for the initial purchase of handwork materials.

The merchants and business men, in the several sections of the city, cheerfully donated prizes, or gave other valuable assistance to individual playgrounds and contributions to the Prize Fund, and to the entire organization, on various occasions during the season. The supplying of trucks for transportation of children to the track meet and to outings is an example in point, and another is the granting of display windows for the handwork exhibit.

The Managements of Motion Picture Theatres in Somerville—without a single exception—have entered into cooperation. Publicity by screen slides was used to stimulate attendance, to interest the public and the children in the approach of the track meets and the Play Festival.

To a striking degree, there was noted this Summer, a degree of participation in play activities by the adult members of the community. For example: many mothers came for long periods during afternoons to the Morse, Saxton C. Foss, Central Hill, Kent Street and Hodgkins Playgrounds, to mingle with the children, and even assisted in the actual supervision of the grounds.

The Somerville Safety Council was always ready in its cooperation with the "Safety" activities on the playgrounds. The Somerville Journal gave printed copies of its front-page, large type, weekly bulletins of accidents in Somerville, for posting on Playground Bulletin Boards throughout the season.

#### Recommendations — Summer Playgrounds

Based on thoughtful study and on more than twelve years of intimate and active experience with the playground situation in Somerville, the following recommendations for the future are submitted by the Director at this point, as be-

longing most especially to the Summer season's interest; they will be included again in a series of recommendations later in this report, covering the general Recreation work of the entire year. Other recommendations prompted by experience in the Summer Playgrounds season of 1924, are purposely omitted at this point and reserved, on the ground that they have application beyond the Summer season, for inclusion in the General Recommendations near the close of this General Report.

1. The early completion of the Playground at the Western Junior High School.
2. Improvement (and possibly) extension of the playground at Joy Street.
3. Providing a playground on the vacant land (a large part of which is City property) at the junction of Oliver and Glen Streets, to serve a district that has a child population of several hundred residing within four minutes' walk of the grounds mentioned.
4. Early completion of Saxton C. Foss Park, with a view to utilizing the lower end of it for athletic purposes.
5. Resurfacing the playground at the Morse School; and completing the enclosure of the area by adding erection of a screen fence, on the easterly side, like that erected this past year on the southerly side.
6. Installing of permanent framework for swings and teeters at the Morse Playground.
7. The planting of shade trees on some of the playgrounds to provide a natural shelter for the future.
8. Provision for a male supervisor at Central Hill playground to serve the athletic interests of the boys at that center and to give part time supervision to older boys' activities at the Morse playground in Summer. (No male supervisor has ever been assigned to either playground.)
9. Operation in Summer of an additional unit on the grounds of the Union Square branch of the Public Library.



### Saturday and Afternoon Playgrounds

After an experiment in the late Autumn and Winter of 1923 in conduct of supervised play on Saturdays, the Public Welfare and Recreation Commission voted to adopt the plan of permanently extending beyond the Summer months its operations in the supervision of children's play. The experiment in Saturday playgrounds in 1923 was used as the basis of organization of a program calculated specifically to encourage active play of children under eleven years of age; and still further expansion of the supervised play plan was begun by the launching of a program of after-school supervised athletics, this time with the aim of serving the older boys and girls,—those of the Junior High School and High School age.

For outlining the methods, the activities, and the results in both these fields, it may be well to emphasize first the distinctive characteristics of each of these activities as they are to be differentiated from each other and from the Summer activities.

#### Specific Objectives

In the Saturday Playgrounds supervision:

- (1) The "Neighborhood Playgrounds" idea is emphasized, as expressed in the selection of smaller and less pretentious play areas, close to the homes of children of districts somewhat limited in area, rather than the larger play centers, such as the public parks, which are intended to serve larger districts.
- (2) Special emphasis is given to the attempt to interest and provide activity for smaller children—those below eleven years of age.

In the After-School supervised athletics:

- (1) More active and less varied, organized games, adapted to play by older boys and girls are encouraged.
- (2) The larger areas, intended to serve larger districts are operated; and fewer units have therefore been organized.

#### Saturday Playgrounds

GROUND. Gradually, eight units of organized play have been under supervision. The playgrounds are enumerated here:



**FOR BOYS**

Prescott School Grounds  
Morse School Grounds  
Perry School Grounds  
Joy Street Playground

**FOR GIRLS**

Prescott School Grounds  
Morse School Grounds  
Perry School Grounds  
Joy Street Playground

(Boys under 8 years are welcomed on the Girls' Playgrounds.)

It should be noted here that no Saturday playground has been located west of the summit of Spring Hill; and that all units are located within an area constituting approximately only one-third of the City's total area; and that all but those at the Morse School are located within one-quarter of Somerville. This limitation on the Saturday activities has been necessary because funds were not available for any expansion beyond the units above listed. One favorable circumstance resulting from this condition presents itself:—in the first year of development a smaller system could be more carefully developed and studied than a more extended one.

The Director is decidedly of the conviction that the number of Saturday playgrounds to be supervised in 1925 should be at least twice as great as the number supervised in 1924. There is a present demand on the part of children and adults in several sections for added units.

**SUPERVISION.** Eight supervisors have been employed, four male supervisors for the boys' units, and four female supervisors for the girls' units. With two exceptions, these supervisors have previously been engaged in the same capacity on the Summer Playgrounds. The two excepted have fulfilled the Civil Service requirements for this work.

**ACTIVITIES.** The activities are similar to those of the Summer Playgrounds though with the restrictions resulting from the smaller size and from the location of the Saturday Playgrounds, and from the difference in the average age of the children.

**SESSION.** The session is three hours in length,—9:30 to 12:30.

**ESTIMATE OF RESULTS.** This undertaking was new, and to some degree experimental. The outstanding conclusions, in the Director's judgment, follow:

1. The Saturday Playground is entitled to a position of great importance in developing a Municipal Recreation program.

2. The "Neighborhood Playground" plan enlists the activity of quite as many children—though in a larger number of units—as does the Summer Playgrounds plan of organization, within the sections of the City thus far provided for.

3. The "Neighborhood Playground" plan has the important merit that it reaches very many children who otherwise have not acquired the habit of utilizing the City's Playground facilities.

4. The "Neighborhood Playground" plan enlists the more intimate interest of a great number of parents.

5. The "Neighborhood Playground" plan must result in a greater attendance on the large playgrounds later, inasmuch as it "educates" children in their early years to the Municipal Playground idea.

6. The Saturday Playground plan contributes largely to a "carrying over" from summer to summer of the desirable results obtained in following the objectives of the Playgrounds work.

#### Afternoon Supervision

Pursuing the same policy of experimentation that had been followed in the Saturday Playground undertaking, an experiment was launched in the Spring of 1924, in stimulating and supervising playground activities for the older boys, those of Junior High and High School ages. This undertaking was begun May 1 and continued until the close of the public school term. Two units for boys were in operation two afternoons a week in this Spring period, and, the Director reporting favorably on the results, the Commission voted the initiating of two units for girls of similar age, and these were launched September 15th, when the supervision of the boys' units was resumed. The Autumn Supervision was continued till Thanksgiving. No increase in the number of boys' units was recommended, because such increase was clearly beyond the possibilities of the Department's funds. And no increase in the number of sessions per week was recommended, for the same reason.

GROUNDS. Fellsway Playground (involving portions of the lawn at Foss Park and the adjacent lot separated from the Park by Fellsway East) and Richard Trum Field were supervised for boys; and Fellsway and Perry School Grounds for girls.

**SESSIONS.** Supervision was conducted on Mondays and Thursdays at Fellsway for boys; and on Tuesdays and Fridays at Trum Field. For the girls Wednesdays and Fridays were the days at Fellsway; and Tuesdays and Thursdays at Perry. Sessions were from three to six o'clock.

**ACTIVITIES.** Although smaller children have been welcomed at these play centers and encouraged in these activities wherever such encouragement has been incidentally possible, the attention of the supervisors has been devoted to such activities as involve team play and appeal to the older boys and girls. These, especially in the Fall term, have involved some athletic activities not appropriate to the Summer season,—notably Football and Soccer for boys, and Basketball, Soccer and Field Hockey for girls. Baseball in season, track athletics, and other games played in the Summer have also been popular among the boys; and Dodge Ball, Bat Ball, etc., among the girls.

Occasional inter-playground contests have been held and from the results here it seems wise to intensify this phase.

**ATTENDANCE.** During the Spring term the attendance at sessions for boys averaged 110; and ranged from 85 to 200. Attendance figures at Fellsway were higher than at Trum Field. In the Fall term the average reached 130, with a range of 85 to 300.

At the girls' centers, the development has been slower,—a condition which had been anticipated, in accordance with the Commission's theory that while there is great need, there is comparatively small demand for provisions for recreational physical exercise for adolescent and post-adolescent girls. But while the attendance has been small in comparison with that of the boys, the interest among the girls has been keen, and there has been a steady, gradual increase of attendance.

From these and other considerations, the Director concludes that a foundation has been laid in this new and highly desirable undertaking, and that the results are to be viewed in the light of the public apathy towards recreational needs of the girls, and of the difficulties to be overcome.

**SUPERVISION.** The four supervisors employed at these Centers were persons engaged in similar capacity in the Summer and Saturday organizations. In the girls' athletic activities one of the young women supervisors has been especially trained for this kind of supervisory work at the Sargent School of Physical Education; and she has collaborated with the other young woman supervisor in such way as to bring to bear in both units the greatest possible value from her training.



**Finances—Saturday and Afternoon Playgrounds.**

Expenditures in the field of Saturday and after-school supervised play amounted to \$1,106.91; of which \$1,033.16 was expended for supervision, and \$73.75 for supplies, etc.

**Recommendations—Saturday and Afternoon Playgrounds**

The following recommendations regarding future conduct of the Saturday and Afternoon Supervised Play are respectfully submitted. They are repeated later in this report among the General Recommendations concerning the Recreation work as a whole:—

1. Increasing the number of Saturday "Neighborhood" playground units, from 8 to at least 16, making this branch of the work City-wide in scope, beginning immediately with the Kent Street grounds.
2. Increasing the number of units of boys' supervised after-school athletics from two to four.
3. Similar increase for girls' units.
4. Increasing the number of sessions per week at both girls' and boys' after-school playgrounds,—from two to three afternoons.
5. Provision of the necessary field equipment for Tennis, Field Hockey, Soccer, etc. for use at these after-school sessions.

**Girls' Canning and Preserving Activities**

A most efficiently administered and supervised branch of the undertaking of the Public Welfare and Recreation Commission is the activity among girls who occupy themselves during spare time in Spring, Summer and Fall in the preserving of fruits, vegetables, etc. Though this branch is perhaps, less spectacular and is less known publicly, a high degree of efficiency in preserving has been attained among many girls of Somerville, whose ages range from 10 to 15 years; and a highly enjoyable and profitable form of recreation has been provided them through the preserving opportunities.

This work has been carried on in 1924 more extensively than ever before. Girls were enrolled earlier and in larger number; and a larger numerical proportion of them completed the season's exercises and requirements, as listed below.



**ORGANIZATION.** To make the exercises attractive, the girls are organized into Clubs; each Club including girls who attend one of the Somerville public schools, and the Clubs are usually named for the School represented. The Schools whose members enrolled in 1924 are the Brown, Cutler, Glines, Highland, Edgerly, Pope, Proctor, Southern Junior High, Northeastern Junior High and the Western Junior High. The Brown and Highland conducted a joint club, this past Summer, under the name of Klever Kanning Klub.

**ENROLLMENT.** One hundred twenty-three girls were enrolled in the Clubs.

**CENTERS AND SESSIONS.** The club from each school met one day each week during the Summer. The work was carried on at two centers, one in the Western Junior High School and the other in the Senior High School. Two instructors were employed regularly five days a week.

Sessions began at nine o'clock and continued until all the work of the day was finished. All materials were furnished by the pupils and the finished product taken home.

**COUNTY COOPERATION.** The clubs were all enrolled with the County and State Bureaus of Domestic Science and Agriculture. From these Bureaus, through their agents, the work in Somerville received valuable assistance in the form of ideas for holding the interest of individual children, pamphlets containing information as to the correct methods of preserving, etc. These agents also furnished each girl who finished first year work with an attractive Club pin; each third-year girl a gold pin; each second-year girl a silver pin; and each fourth-year girl with a diploma. To each club in which every member completed the required work a banner was awarded.

**REQUIREMENTS.** Girls entering the first year work are required to can 24 jars of fruit and vegetables. Second year girls must can 40 jars of fruit and vegetables and preserve jams and jellies. Third year girls can 60 jars of fruit and vegetables, 12 jars of jams and jellies and 5 jars of meat or fish. Fourth year girls plan the canning budget for the entire family. Every girl must keep a record of expense and at the end of the year give an exhibition of her work.

**EXHIBITION.** On October 20, 1924, a central exhibition was held at the High School. About 500 jars were attractively displayed. First, second and third prizes were given for the best work in each year of enrollment. Honorable mention was given to ten others. Over 75% of the parents of children enrolled in the clubs were present at the exhibition showing more decidedly than ever the widespread interest which is growing from year to year in this home-making work.

**FINANCES.** The total cost of carrying on this work was: \$341.45, of which nearly all was expended on salaries of supervisors.

**COOPERATION.** It is largely due to the cooperation of principals and teachers that the high standard of work accorded the Somerville girl canners is maintained; and the supervisors and Director express their appreciation of this cordial cooperation.

The supervisors of this work—Miss Estelle Crowe and Miss Margaret Brennan—have shown themselves remarkably well qualified for the work and extremely zealous and efficient in carrying it out. The Director takes this occasion to submit to the Commission a word in commendation of their accomplishments during the 1924 season.

### Public Evening Recreation Centers

The Public Evening Recreation Centers aim at profitable recreation—indoors—for adults. The scope of the work thus far has been limited to young men. No elaborate or intensive program has been carried out, because of a variety of reasons, which are here indicated. But in general summary the Director submits as his estimate that results have been proportionate to the City's financial expenditure (about \$450.00 for the year); proportionate to the possibilities of an undertaking in which appropriate indoor recreation facilities are almost totally lacking and the workers in supervision all part-time or occasional workers; and proportionate to the time during which this branch of the work has had opportunity for evolution.

The term Recreation itself, in the breadth and generality of its meaning, suggests the breadth and generality of the field of activity. To direct the leisure-time occupations of a large group of adults with their varied interests, aptitudes, desires, temperaments, degrees of education, occupations,

home and social backgrounds, ages,—to cope with all these and many other individual differences in such way as to arouse and sustain interest and crystalize the resulting recreative expressions of them, is far from a simple task. To define for itself a Municipal Department's own concept of worthwhile indoor Recreation, to distinguish Recreation from mere pastime and again from mere pursuit of pleasure which is rather dissipative than recreative; to interest and enthuse an apathetic public in this definition; to devise practical ways and means for its application to the various communities within a City like ours, is obviously a complicated and most arduous task, for which any striking degree of success demands expert, persistent, sustained, thoughtful study and energetic activity.

The primary reason why the present program under your Commission has not been elaborated or has not been spectacular in its accomplishments, is found in the lack of personnel, facilities, finances and experience brought to bear. A second reason is the apathy of the public.

It will be generally agreed that proper recreation depends upon three factors:—

1. The possession of leisure;
2. The existence of adequate facilities; and
3. The knowledge of how to use the leisure and facilities.

Concerning the first factor, as applied to the local situation, no discussion is necessary. The embarkation by your Commission into adult recreation activity assumes the presence of this factor. Concerning the other two factors, the Director submits the following analysis:—

With facilities limited to four rooms in three school buildings, each open four hours a week, and each equipped for an entirely different purpose from ours; with the psychological restraint that necessarily attends activity on another's carefully guarded premises; the field of recreational possibilities in our Evening Centers is extremely limited. Again, the traditionally austere atmosphere that is suggested by a school-room—particularly as school buildings have long been regarded in Somerville—is an impediment to the business of popularizing even these limited facilities. Furthermore even within the possibilities which still remain, competent supervision of activities in any variety to meet the varying tastes and interest of those attracted, requires a versatility in the supervisor which can come only with broad experience. To



pay such supervisors no fund is at present available; and no successful means has been devised of securing applicants for positions in our system.

Regarding the third factor, namely knowledge of how to use the leisure and the facilities, it may be stated that here one approaches the essence of the task undertaken under your Commission:—to promote leisure time interests in the individual, to acquaint the individual with the facilities, to organize activities in such way as to classify persons of similar tastes and interests, to make proportionate time allotments for various activities; to counteract the influences of present-day dissipating pleasures and pastimes; to do these without pedantry and without destroying the freedom and initiative of the individual, in short, without making work of play. The Director submits that this task demands thorough and thoughtful study of the respective communities in which the Centers are located (no two Communities are alike); repeated interviews with individuals and small groups; selection and encouragement of leaders in recreational activities; a considerable amount of correspondence requiring time and clerical work; and a variety of other local contacts. In brief, the Director submits, the greater part of the business of conducting Adult Recreation Centers must, for success, be carried on not at the actual sessions of recreation hours nor in the Recreation Center itself, but rather all through the week and the year (especially between sessions and previous to the beginning of the season by way of preparation) and throughout the whole Communities served. It is a complicated task in applied sociology.

To meet this task what provision has the City made?

1. All the workers employed, including the Director, are part-time workers.
2. Of these all but the Director are paid only for services in the actual four hours a week in which the Centers are open; all other service by them is voluntary in their own spare time, and is thus irregularly intermittent.
3. The Director, who is charged with ultimate responsibility for the field work in these centers, is a part-time worker whose duties include, in addition to those here discussed, those connected with all the other branches of the work under the Commission included in the scope of this General Report.
4. No provision has been made for special assistance in the clerical, statistical, correspondence and publicity work that has been indicated as fundamentally necessary to success in this field.



It is upon these considerations and upon the natural difficulty of overcoming the unfamiliarity of the Somerville Public with the objectives, that your Director bases the original statement that the results seem to be proportionate, at least, to the expenditure, the facilities, and the time the undertaking has had to evolve itself.

**CENTERS.** The three centers are located in the buildings of the Bennett, Bingham and Morse Schools. In each building a room (a double room at the Bennett Center), used during the day by children of the lower primary grades, is at the disposal of the young men in attendance, with sessions from 7:30 to 9:30, two evenings each week. The evenings vary with the various centers. A piano is available at each.

**ATTENDANCE.** The average attendance for all centers has been thirty young men an evening, with a maximum attendance of 175 at the Bingham; 85 at the Bennett, and 65 at the Morse. The average age of those in attendance has been 19 years. The minimum age for participation is 17 years. Very few above the age of twenty-one have been attracted, though it has not been the intention to restrict the activity for the benefit of youths.

**ACTIVITIES.** Since the whole enterprise has not passed the experimental nature, the program of activities is still in process of evolution. Naturally, a diversity is found among the local communities to which the centers cater; and accordingly there is a diversity in the nature of the activities.

Among the activities carried on may be mentioned:

1. Group singing and the organization of Glee Clubs.
2. Some reading.
3. Table games, puzzles and pastimes.
4. Half-hour "talks" by prominent athletes.
5. Discussion of current topics of interest, as radio.
6. Indoor athletics (in the Bingham School only).
7. Informal, unpretentious, improvised entertainments.
8. Whist and checker tournaments.
9. An orchestra.
10. Initial steps in developing activities in drama.
11. Debating.
12. A movement to arouse interest and organization leading to out-of-door activities, after the indoor season, among the same young men, and their friends, who frequent the indoor centers. This movement has taken on momentum lately and has

crystalized itself in the primary steps in organization of a baseball league for Somerville young men, to commence operation the coming Summer. Six teams have already been entered, and the members and followers of each have held occasional meetings in the buildings where the centers are located in the hours of the center sessions. Some of the teams have conducted recreational enterprises, such as whist parties, to finance the outfitting of the baseball teams, and in this way they have provided recreation for parents and friends in their respective communities; and have also enlisted the interest of persons in those communities in the Recreation Centers and in the general program of the Public Welfare and Recreation Department.

**SUPERVISION.** In the conduct of this undertaking three persons besides the Director have been employed for supervision: one being a Supervisor of one center, one a leader in the musical activities in all three centers, and one a general assistant employed according to need in one center or another.

**RECOMMENDATIONS.** The following recommendations concerning the Evening Recreation Centers are submitted, based on study and analysis of the present situation. They will be included again in the General Recommendations near the close of this general report.

1. Provision for additional facilities for indoor athletics and physical exercise in all the centers.
2. Employment of special leaders for special activities, such as dramatics, instrumental music, debating, handcraft, etc.
3. Provision for securing (through Civil Service posting and publication or otherwise) applicants for supervisory positions in such numbers and from persons of such training or experience that the Commission may have an opportunity of selection to appoint highly competent persons for this work.
4. Provision for clerical assistance to carry out the publicity, statistical and correspondence work that have been indicated above as necessary to the success of this work.
5. Financial provision for more emphatic presentation to the public of the objectives, possibilities and opportunities in connection with these Recreation Centers.

### **The Anne McCarthy Neighborhood Center**

In the Welfare and Recreation work at the Anne McCarthy Neighborhood Center on Maple St., Ward 1, an important change has taken place in 1924, constituting one of the outstanding features of the whole undertaking, for the year under the Commission.

The general aim in the work conducted for several years at this neighborhood has been to provide, within limited means, the most feasible and most desirable features of a Social Center as applied to an immediate locality. Not merely Recreation in the strict sense of that term, but other objectives of social and family and community welfare have been included within this aim. The undertaking has included activity among both adults and children, day and evening, all seasons of the year; and has been to some degree linked up with the strictly young men's activities at the Recreation Center (Bennett) which has been discussed above, and which in a sense may be regarded as a part of the neighborhood center undertaking.

An essential feature in the plan of administration of this Center is that it is maintained only in part by the City. The enterprise was originally launched, and is still largely maintained, under control of the Federated Women's Clubs of Somerville through their joint Committee on Ways and Means. With succeeding years the City through your Commission has gradually entered further into the work, until at present it is probably accurate to state that the undertaking is shared equally by the City and the Ways and Means Committee. Payment of salary to the general supervisor there is divided equally between the two agencies. Physical maintenance of the premises is mainly at the City's expense; while most of the portable and incidental equipment has been provided by the Women's organization.

For some time previous to May 1, 1924, this center had been located in a small, old-fashioned and considerably worn dwelling-house that had been reclaimed and meagerly repaired for the purpose of the Center. This house was located on Maple St., opposite the Clark Bennett Schoolhouse. It was privately owned and a rental was charged.

In May, 1924, the Center was transferred to the school building across the street, where the City through the Department of Public Buildings had renovated the basement floor in such a way as to provide a suite of rooms in which to house the ordinary activities of the Center, and where, on the floor above, other facilities including the double room are available for special activities; where the cost of renovation is partly offset by the saving in rental cost and fuel; and where the



coincidence of the placement of the young men's Recreation Center, the children's playground (in the school yard), and these activities involving other elements of the locality's population lends emphasis to the idea of a Neighborhood Center.

This change, in the Director's judgment, has proved very satisfactory; and the authorized representatives of the women's organizations have expressed a similar judgment. It seems, too, that from the viewpoint of the citizens of the neighborhood—especially the participants in the Center's activities—the change has been equally satisfactory.

**SUPERVISION.** The general supervisor of the work at this Center has been Miss Emily C. Hood. She has been assisted by various workers, of whom some have been volunteers and none have been paid by the City. Miss Hood's zealous and efficient work has, in the Director's judgment, been the greatest asset in the work. Any observer of the activities and the results must conclude that these workers, but Miss Hood in particular, have performed an inestimable and commendable Community service.

**ACTIVITIES.** The most actively participant women—nearly all mothers and housewives of the locality—are organized into the Women's Neighborhood Club with regular twice-a-month meetings and numerous other occasional gatherings,—cooking class and practice on Wednesday afternoons, lectures, dramatic entertainments, social teas, etc.

The cooking course is directed by a professional instructor in domestic science.

Among the children, many of the activities are profitable and educational as well as recreational. Distinct groups have regularly assigned periods for sewing, dramatics, domestic practice and a variety of handicrafts. Crepe paper and paste-board construction groups, the former under a professional instructor whose services are provided free; cane-seating with a group for boys and one for girls; and cooking and table-service are all popular.

Twenty girls enjoy the Fletcher System in piano; and others receive individual lessons. This is without cost to the children or to the Center. Miss Alice Fox is the instructor through whose services this is possible.

A variety of other pastimes and handicrafts, **busying** children of various ages and both sexes, are conducted in groups of from 10 to 25, by four volunteer workers who are pupils in the Wheelock Kindergarten School.



Military drills and physical exercises for boys are directed by a young college student.

The children of the vicinity to the number of 110 have been organized into "The Neighborhood Club", which conducts monthly "socials" for members and non-members; and which serves as a medium for promoting the activities that have been mentioned. Many children not members of the Club participate in the activities of the Center.

PROGRESS, 1924. A trustworthy gauge of the progress of the Center since the beginning of the year may be found in the enrollment of members in this children's club. These children stand in the relation of both cause and effect to the interest and attitude of the people in general whose homes are in that locality. At the close of 1923 the enrollment in the Club was eighty children. The present membership of one hundred ten indicates a gain of  $37\frac{1}{2}$  per cent,—a gain which the Director considers as indicative of a proportionate increase in the interest among the people and in the intensity and variety of activities at the Center.

### Community Drama in Recreation

One more distinct field of activity into which entrance has been made this past year under the auspices of the Public Welfare and Recreation Commission is that of Recreational Drama. This matter is at present decidedly a visionary experiment, still in its initial stages. It was approved by your Commission not until the middle of November. But a beginning has already been made. No expense to the City has been incurred. A volunteer worker, who is assisting the Director in the enlistment of other volunteer workers, is the principal asset at present.

The general theory on which the experiment is being made is

(1) that a City of Somerville's size has a goodly number of young men and women who are interested in dramatic expression and its kindred arts of aesthetic dancing, pageantry, choral activities, scenic lighting, stagecraft, public speaking, etc.:

(2) that such interest can be stimulated into organized activity encouraged by the Municipal Department controlled by your Commission;

(3) that cultural and recreational value to the community at large would result from any considerable activity by groups thus organized, to be effected by amateur theatricals and pageants, organization of district dramatic clubs, etc.

(4) that the Public Recreation Centers, Church and Parish Associations and Clubs, the High School Players' Club, etc., constitute a ready medium of organizing activities.

(5) that public observances of such holidays as Christmas, Independence Day, etc., can furnish another medium.

Mr. Lowell Ames Norris, an experienced social worker, playwright, former publicity director in War Camp Community service and Red Cross worker, and contributor to Stage magazines or in the field of amateur stagecraft has undertaken to assist the Director in this branch of the work, assuming field direction, after approving vote of the Commission in November.

Since the approach of the Christmas season, at the time of launching this experiment, seemed to afford an occasion that illustrated the possibilities for dramatic expression in connection with Community life; and since also the additional field of Public Celebrations direction had been regarded as one in which the Welfare and Recreation Department might function to serve the City; it was arranged, by approval of your Commission, that this Recreation Department should assume leadership in such a public observance of the Christmas season as would, in addition to its primary object,

- (a) Introduce to the Public, this Department's plans for future activity in drama and kindred arts of expression.
- (b) Establish a background for drama, pageantry and stagecraft practice.

An account of this plan and its execution is given later in this report under the caption of "Public Celebrations." The mention of it here is to show that, with regard to the field of Recreational drama, most of the energies of workers—Mr. Norris and your Director—were concentrated in this Christmas observance with the intent of making it a wedge for future enterprise. The Christmas Eve program included a Pageant, a brief dramatic episode, choral numbers, and successful stagecraft by amateurs.

In addition to this beginning, several volunteer coaches for dramatics—students at such institutions as Emerson College of Oratory—have been enlisted for service; presentation of the general plan has been made to the young men of the recreation centers; and a demonstration of what amateurs do in drama for recreation has been given at the Recreation centers by members of the High School Players' Club who have presented them a one-act play.

In the new year, the Director feels, the work will progress on the foundations thus laid.

### General Public Activities

On three occasions during the year just closed, there have been held Community meetings for the Somerville Public—two outdoor assemblies and one indoor meeting—with the following objectives:—

- (1) To initiate the development—through free adult Recreation in Somerville—of an increased Social and Civic spirit among citizens of Somerville.
- (2) To provide Civic instruction calculated to produce more intelligent interest and participation in public affairs.
- (3) To acquaint the public with the Recreation opportunities of the City and to secure public co-operation in the work under the Commission.

The first meeting was held on the evening of February 12, in the High School auditorium. About 1,000 persons attended and manifested considerable interest. The program included:

Motion Picture Films presenting Civic ideals and lessons.

“Silent Talks” (through Stereopticon slides) on the History of Somerville.

“Silent Talks” on the Municipal Business of Somerville.

Screen pictures of Somerville historic spots, parks, public buildings, etc.

Community Singing.

Screen presentation of the civic value of Municipal Recreation, and demonstration of recreation activities, opportunities and needs in Somerville. An address by the New England Field Representative of the Playgrounds and Recreation Association of America.

The other two meetings offered programs of similar character; but were presented out of doors, one on Richard Trum Field and one on Lincoln Park. These were conducted on the evenings of September 30, and October 7 respectively. Approximately seven thousand people attended the former meeting and about three thousand were present at the latter, for which the weather conditions were somewhat unfavorable.

### Public Celebrations

Another new field into which entrance has been made with the approval of the Commission is that of participation in the observance of public holidays. On the Fourth of July and at Christmas season, this Department has cooperated with other agencies in this kind of undertaking.



## Fourth of July

It has been a Somerville custom for the City and the Somerville Fourth of July Association to collaborate in providing the local Fourth of July celebration. This year for the first time the Recreation Department, through the Commission and the Director proposed participation in this business by this Department; and later its cooperation and assistance were requested by the Somerville Fourth of July Association. As a major feature of the holiday morning program at Central Hill, the Director with the assistance of several of the play supervisors undertook to lead in the organization of some 500 girls, of ages 12 to 15 years, into a spectacular "living flag." The preparations resulted favorably. A stand with tiers of seats for these children was erected as background to the area in the natural amphitheatre at the foot of the slope behind from the Central Hill redoubt to Medford St., near Gilman Square. As a climax to a drill which had been prepared and rehearsed under direction of the workers in this Department the girls, clad in red, white and blue, suddenly struck relative positions, on the stand, by which they presented the appearance of a huge flag, in a right-angle line of vision to the thousands of spectators on the incline above them. Immediately the girls gave, in unison, the pledge of allegiance to the American flag; and, still maintaining the organization in representation of the Stars and Stripes, they made up the background for the remainder of the worth-while program, which included Community singing, addresses by Lt. Governor Fuller, and Mayor Webster; a band concert; vaudeville performances; etc.

The rehearsals which occupied the attention of the five hundred girls—who dwell in all sections of Somerville—had quite as much recreational and civic value, the writer estimates, as the actual event itself.

## Community Christmas

The Community Christmas, to which reference has already been made in this report, was an enterprise in which the Public Welfare and Recreation Department, on its own initiative, took the lead in organizing public interest and activity, in cooperation with a Committee of Fifteen Citizens. Through action of the representative Committee and workers under your Commission the observance was planned, financed and carried out. In the financial undertaking the City using less than \$200 of its appropriation for Celebrations, was a contributor. The objectives directing the energies of this Department were:—



1. Increased public interest in the Community.
2. Closer social contact of distinct groups of Somerville people.
3. Public interest in the Recreation Department's activities.
4. Cultivation of the Christmas Spirit.
5. Recreation for Somerville people on Christmas Eve.

The Director, estimating the results, submits that the preliminary and preparatory activities of the Committee of Fifteen Citizens, in cooperation with this Department were effective of the first three objectives; that the publicity attending the preparations and the event was conducive to the third objective; that the program itself, as affecting thousands of Somerville people, was effective of all five objectives; and that this same program, especially as affecting the large number participating in its execution, was equally conducive to all these objectives. In explanation of this view the following statement of the procedure and the program is given.

The Committee of Citizens included representatives of the Elks, Masons, Knights of Columbus, Catholic Women's Club, Federated Women's Clubs, Catholic and Protestant Churches, the City Government, the press, the pupils of the Somerville High School, and of foreign-born residents who are preparing for naturalization as citizens. Volunteer activity by members of this Committee and workers in the Recreation Department resulted in successful erection and decoration of a Community Christmas Tree; wide publicity; volunteering of special assistance by various groups and individuals; and the Christmas Eve program outlined in a succeeding paragraph.

In publicity, local printers furnished, without cost, posters, circulars and other printed matter by which persons all over Somerville were invited to enter into the Community project and kept in touch with developments. Local owners of transportation vehicles loaned them for use of singers of carols; social organizations held open house at suggestion of the Committee; families gave more than the usual attention to exterior Christmas decorations at their homes; merchants assisted by display of posters and distribution of announcements wrapped in the parcels of shoppers; public school teachers and children joined in spreading information to the Somerville public; radio broadcasting stations permitted messages to the public; citizens throughout the City communicated to the proper agencies the names of invalids and shut-ins who would profit by opportunity to hear the

carol singers in their tours through the various sections of the City; and other citizens were ready with food, refreshment and hospitality to receive these carol-singers on Christmas Eve.

The Christmas Eve program was centered around the Community Christmas Tree erected in the City Hall Plaza as the central figure in the illumination and decoration scheme. On a platform near this tree were presented a choral and dramatic pageant by pupils of the Somerville High School Players' Club and Girls' Glee Club; a series of appropriate musical numbers by members of groups enlisted through the Americanization division of the Public School Department; an address by Mayor Webster and carols by some of the singing groups to be mentioned below. In this same program Community carol singing for those in attendance was conducted, with the aid of printed sheets provided without cost by the Somerville Press.

The stage lighting and other stagecraft arrangements were carried out by volunteer workers.

Following this set program groups of carolers went in various directions from Central Hill, some afoot, some by automobile and some by motor truck, to sing at various central points including Union, Davis, Teele, Magoun and Gilman Squares, through the streets and at the homes of shut-ins and invalids. Many thousands heard the caroling.

The groups of carol singers represented the Public Evening Recreation Centers, many of the Protestant Churches, the Catholic Women's Club, St. Anthony's Catholic Church choir, and the High School Glee Clubs.

The whole enterprise was undertaken as an experiment and begun somewhat late. The Director respectfully submits that the results are valuable to the Community and that the experience gained will be of great value in intensifying this kind of activity and in carrying out various other enterprises which the Commission may undertake for Public Welfare and Recreation in the future.

### **General Summary**

This report, up to the present point, has dealt with all of the important divisions of the work of 1924:—(1) The Summer Playgrounds, (2) The Spring-and-Fall After-School Playgrounds, (3) The Saturday "Neighborhood" Playgrounds, (4) The Girls' Canning Activities, (5) Evening Recreation Centers, (6) The Neighborhood Center, (7) The General Public Activities, (8) The Experiment in Community Recreational Drama (9) Public Celebrations. In general summary it may be said that a secure footing in all of these fields of under-

taking has been secured and that the future will show that the year 1924 has seen the beginnings of far-reaching, effective work for community welfare in Somerville. While all of the beginnings have been necessarily modest and slow, this is a natural condition attendant upon the limitation of resources and equipment at the disposal of your Commission. The Director's experiences during the year past prompt the expression of the estimate that the near future will demonstrate that an effective policy for future work has been outlined.

### General Financial Statement

\$6,999.78 were expended from the City Treasury, for the operations here reported. The sum appropriated had been \$7,000.00.

Following is a general statement of financial expenditures:—

#### Summer Playgrounds

Supervision . . . . .	\$1,877 50	
Supplies, Maintenance, Printing, etc.	872 08	
Janitor, Repair Man, General Helper	108 00	
Other Labor . . . . .	8 00	
	<hr/>	\$2,865 58

#### Saturday and Afternoon Playgrounds

Supervision . . . . .	1,033 16	
Supplies . . . . .	73 75	
	<hr/>	1,106 91

#### Evening Recreation Centers

Supervision . . . . .	331 50	
Supplies . . . . .	153 01	
	<hr/>	485 51

#### Canning Activities

Supervision and Instruction . . . . .	341 00	
Supplies . . . . .	45	
	<hr/>	341 45

#### Neighborhood Center

Supervision . . . . .	280 00	
Supplies and Maintenance . . . . .	114 21	
	<hr/>	394 21

Public Meetings . . . . .	382 42	
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County Dues (Paid Mid'x Co. Bur. of Agr. and Domestic Science) . . . . .	100 00	
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Director's Salary . . . . .	1,258 33	
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Hockey Rink, Western Playground . . . . .	38 88	
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Postage, Stationery, Office Supplies, etc.	27 49	
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Total . . . . .	<hr/>	\$6,999 78
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### General Recommendations

Considering present needs and looking to the future of the Recreation work and the promotion of Public Welfare by your Department I submit herewith a series of Recommendations, action upon which is, in my judgment, necessary or highly desirable for future success; and also some suggestions that may assist your Commission in defining its policies and in reorganizing or elaborating its program. The recommendations, some of which have been mentioned in this report already, in connection with the respective branches of the work to which they have special application, are as follows:—

- (1) Employment of a part-time, all-year clerical worker to assist the Director and to act as clerk for the Commission.
- (2) Expansion of the Summer Playgrounds organization to include new units for boys at the newly purchased City land at Elm and Cherry Streets; the area (referred to above in the recommendations dealing with Summer Playgrounds) at Glen and Oliver Streets; the grounds of the Union Square Branch of the Public Library, and Tufts College Old Campus.
- (3) Securing more adequate play space and improved conditions of present areas at Joy Street, Bennett, and Kent Street grounds.
- (4) Early completion of the playground in the rear of the Western Junior High School.
- (5) Resurfacing the Morse School Playground and erection of high screen fence on southerly side of this area.
- (6) Early attention to improvement of Saxton C. Foss Park with a view to utilizing the lower end of it for Playground purposes.
- (7) The planting of some shade trees on several of the playgrounds to provide a natural shelter for the future.
- (8) Installing of permanent framework for swings and teeters at the Morse Playground.
- (9) Provision for a male supervisor at Central Hill and Morse playgrounds jointly.
- (10) Increasing from 8 to 16, the number of Saturday "Neighborhood Playground units," so as to make the organization City-wide. (See "Saturday and Afternoon Playgrounds" above.)



- (11) Expansion of the After-School supervision of playgrounds to provide three sessions per week at each unit (instead of two sessions,) and six units (instead of four.)
- (12) Provision of the necessary field equipment for tennis, Field Hockey, Soccer, etc., for use at these after-school sessions.
- (13) Provision for outdoor active recreation in winter, for children and adults, such as hockey, tobogganing, and skiing.
- (14) Provision of additional skating rinks for the general public in Winter.
- (15) Providing a Recreation Center, with others to follow (for women) on parallel lines with those of the young men's centers.
- (16) Provision for additional facilities for indoor athletics and physical exercise in all of the Recreation Centers for men.
- (17) Employment, in the Recreation Center undertaking, of special leaders for special activities.
- (18) Provision for securing workers for the Evening Recreation Centers who have the special qualifications for that work, to overcome the present lack of applicants for this work.
- (19) Provision for increased publicity and public information concerning the objectives and opportunities of the Recreation Centers.

Nearly all of the above recommendations deal with the field of the present undertakings of the Commission. Since your Commission has given evidence of a policy of construction and expansion, and since the whole organization of your Commission's undertaking for Public Welfare and Recreation is in a state of evolution, I feel that the Commission will not think it inappropriate for me to submit some further suggestions for its consideration regarding the expansion of the plans to raise municipal recreation from its hitherto undefined level to the more definite and comprehensive plans to which it is destined if Somerville is to meet the problem presented by its large and congested population.

The following suggestive list is accordingly offered for your consideration. It mentions activities for which there seems need in Somerville:

Pageantry  
Dramatic Clubs  
Other Activities in Drama  
Forum  
Civic Meetings  
Music Week  
Lectures  
Hockey Rinks. (Some expense incurred under this item in 1924.)  
Aquatic Sports Day at Somerville Beach  
Vacant Lot Playground Campaign.  
Marble Tournament  
Municipal Baseball League (Amateur) for Young Men  
Public "Walks"

In concluding this Report I express cordially my appreciation for the assistance rendered during the year.

And a word of special mention should here be used in emphasis of the co-operation and friendly attitude of all of the playground supervisors, without whose support the Director would be seriously handicapped.

Gratitude is due the Somerville Playgrounds Association for the co-operation and assistance it has rendered. To His Honor, Mayor Webster, for his sustained interest in the activities of the playground children, shown by this participation in the special events of the Summer Season, and for his ready official response to suggestions and requests leading to furtherance of the work during the past year, the Director feels that this word of appreciation should be expressed.

Respectfully submitted.

FRANCIS J. MAHONEY, *Director.*

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